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# REPORT

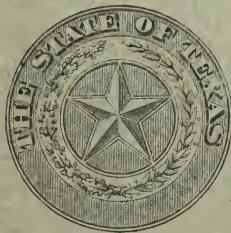
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OF THE

## AGRICULTURAL MECHANICAL COLLEGE

OF TEXAS,

Located at College Station, Brazos County.



AUSTIN:  
TRIPLETT & HUTCHINGS, STATE PRINTERS  
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## REPORT OF THE BOARD OF DIRECTORS.

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*To His Excellency, John Ireland, Governor of Texas:*

SIR—The Board of Directors of the Agricultural and Mechanical College have the honor to submit to you a report of the present condition of the institution and of its management since their last report, submitted two years ago.

As the term of office of this Board will soon expire, it may not be amiss to note that during the six years of its existence two of its presidents have died—Hon. E. B. Pickett and Hon. George Pfeuffer—both of whom were zealous friends of the institution, to whose labors in its behalf the present excellence of the college is largely to be attributed. Several changes have been made in the membership, and, as now constituted, the only original members are Captain T. M. Scott and Hon. J. G. Garrison.

During these six years the plan of instruction in the college has been changed and brought to a strict conformity with the objects of the institution. When it was organized so great was the necessity of a public institution of learning of a high grade that the demand for classical and general education was yielded to, and the industrial features of the college subordinated. In the year 1881, soon after the appointment of the present Board, the college was reorganized and made a school for special instruction in agriculture, the mechanical arts, and the natural science connected therewith as the law required. Its success was then no longer problematical. All that was necessary was to meet the demand of the times for a practical education of the youth of the State for the two great industrial pursuits of agriculture and mechanics. That such demand has been met in good faith is manifest from the liberal policy of the State in the equipment and maintenance of this institution and in the course of instruction that is given.

Whatever prejudice may have existed in the minds of the people against the institution, resulting from its former management and plan of instruction, now happily no longer exists since



its reorganization; and it is now only a question for the State to maintain and improve what has been so well begun.

It will appear from the reports of the Chairman of the Faculty and the Secretary and Treasurer, and the Agent of the Board, which accompany this report and form a part thereof, that the plan of the college has been made to conform in its instruction and management strictly with the law; that the several appropriations made by the Legislature for its support have been judiciously expended, and that its business affairs have been well and economically administered.

A change in the curriculum has been suggested by the Faculty and adopted by the Board, abolishing the preparatory class and making the course of instruction four years instead of three, as heretofore. Such is now the efficiency of our common schools that the demand for the preparatory training is no longer imperative; and the plan of the curriculum adopted meets whatever requirement there may be for it in making the instruction for the first year apply equally to both branches—agriculture and mechanics. For details of the plan the report of the Faculty is referred to.

A complete inventory and invoice of the property belonging to the college has just been made, and is on file in the office of the Secretary and Treasurer. An abstract thereof is given in his report. It is gratifying to observe that, of the entire original appropriations made by the Legislature for the improvements and maintenance of the college, amounting to \$272,500, there appears from the inventory to be on hand property to the value of \$238,972.47. This, of course, does not include appropriations for the support of State students, which are expended entirely for supplies for their support, and does include a fair estimate of the value of the lands belonging to the college.

During the administration of the present Board, and in consonance with its views and the changes in the plan of instruction, great improvements have been made in the condition of the property. A farm has been opened, barns and shops erected, fine stock imported, and under the supervision of the Professor of Agriculture, cattle and hogs are being bred and raised. The shops are well supplied with tools and machinery, and many valuable additions have been made to the chemical and physical laboratories, and the surveying and engineering instruments; while the library has been steadily enlarged and improved.

Attention is respectfully called to the estimates of the Secretary and Treasurer and the Agent of the Board for supplying the needs of the college.

An estimate will be found of the annual expenses necessary

to maintain the college on its present basis. Estimates are also furnished for the erection of a dormitory. This is absolutely necessary, if the doors of the institution are to be opened to all who desire and seek instruction therein. The need of an infirmary is also felt for the reasons shown by the Agent in his report.

Having gone so far, and having succeeded so well in its endeavor to educate its farmers and mechanics and to elevate their callings, the State should not stop half way; nor should it even hesitate to afford ample facilities where so much good may be accomplished.

By a resolution of the Board, passed at its meeting last June, the Secretary was instructed to address to your Excellency the following letter, in which it was suggested that a board of visitors be appointed for the college:

*To His Excellency, John Ireland, Governor of Texas:*

SIR—The Board of Directors of State Agricultural and Mechanical College of Texas, by unanimous vote, and looking to the best interests of the institute in order to bring the actual work of the college before the agricultural and mechanical as well as other citizens of the State, respectfully suggest to your Excellency the propriety of the appointment, by the executive of the State, of five, seven or more persons, eminent in their several callings, as a board of visitors, to attend the annual commencement exercises of the college, for the purpose of inspecting its working, its progress made in teaching, suggesting improvements for the betterment of the institution, and make a report through the Governor to the Legislature, to the end that it may be known if the college is being managed and conducted for the purpose and design for which it was organized, and that his Excellency the Governor recommend that an appropriation be made by the next Legislature to pay the expenses of the board of visitors actually incurred in the performance of such service.

Respectfully, your obedient servant,

LOUIS L. McINNIS,  
Secretary of Board, etc.

No pains should be spared to keep the people well informed of the plan and working of the college. or to insure a faithful and economical administration of its affairs.

To meet the absolute requirements of the college, appropriations are needed, both from the University fund and from the general revenue of the State. The Board have heretofore asked for one-third of the available fund of the University, and now

ask no less, as it will be seen from the estimates submitted a much larger sum is necessary.

Questions have been raised by the Regents of the University as to the wisdom of the present system of control thereof. They suggest as the only two solutions of the difficulties presented by these questions, the amendment of the Constitution by which the Agricultural and Mechanical College shall be legally separated from the University and relegated for support to its endowment by Congress, and such appropriations as the Legislature from time to time may see fit to make; or that direct control of of this college be given to them. The adoption of either plan would paralyze the usefulness of this institution. The first would deprive it of valuable property rights, which, to say the least, give dignity to its demands; and the latter would consign it to the tutelage of a parsimonious guardianship that grudgingly yields the present support. May it not be suggested by this Board that there is another solution in the recognition of the right of the Agricultural and Mechanical College to a fixed per cent of the available fund of the University, to be annually appropriated therefrom by the Regents themselves and placed to the credit of this Board with the Comptroller.

As a branch of the University of this State, the Agricultural and Mechanical College must always receive the attention which its merits demand. Its right to a fair and just proportion of the fund of the University is as well settled as that of any other branch or department thereof. The Agricultural and Mechanical College is as much a part of the University as any college established with the main department. And in the endowment of the University our legislators can not certainly be said to have contemplated only the schools of literature, law and medicine. It could not be a University of the first class without a just provision for industrial education; and much of the legislation that has fostered and increased the University fund has been had under the present Constitution which recognizes the Agricultural and Mechanical College as a branch of the University. A change in the Constitution separating this college from the other colleges and dividing the University is not desirable; nor would it be just to exclude it from the fund to which it has as great a right as any other college. It should not be cut off from its patrimony and reduced to mendicancy. It is clear that there can be no division; not as we take it on account of the expense of a constitutional amendment, but for much higher reasons.

Then we are confronted with the proposition to place this college under the control of the Board of Regents. The wisdom of



the Legislature in placing it under a separate management is fully illustrated by the modest estimate of the Regents for the support of the college in case it should be entrusted to them. It is a pure question of administration and not of art. If the college can be more successfully operated by a Board responsible directly to the Legislature, and more representative of its interests, then a mere question of appropriation of funds should not be allowed to interfere with its success. As now, both Boards can biennially present their estimates to the Legislature, and with a full knowledge of both wants and resources the Legislature will appropriate from the University fund such amount as this college may be justly entitled to.

While a separation from politics is desirable, yet the people should never lose control of their educational institutions. The fund for their support was created not to enrich them, nor indeed to make them exclusive, arrogant, or even aristocratic in their tendencies, but to afford facilities for higher education of which all classes may avail themselves. Their administration should be as popular as is consistent with stability. With a full recognition of the great service of the entire University in fostering State pride and in the elevation of the great body of the people to a higher plane of usefulness as well as happiness, we would regret that anything should occur in the administration of the fund started by the fathers of the Republic, and fostered and added to by the wisdom of the State, that would mar the growth or impair the usefulness of any of its colleges.

It is with the strongest conviction of the wisdom of the present management of this college that we insist upon a strict adherence to the law in its plan of instruction, and the enlargement of its usefulness by an increase of its facilities. There can be no subordination of these demands; and if the management of this college is left in the hands of its friends, there will be none.

W. R. CAVITT,

President of the Board of Directors, Agricultural and Mechanical College of Texas.

#### REPORT OF FACULTY ON CHANGE OF COURSE OF STUDIES.

*Hon. W. R. Cavitt, President Board of Directors Agricultural and Mechanical College of Texas:*

SIR:—The recommendations of Prof. Louis L. McInnis, made to the Board of Directors in June, 1886, and referred to the Faculty for consideration and report, have been considered, and the Faculty beg leave to submit the following report:

First. In the opinion of the Faculty there would be a great

advantage in changing from a three years' course with a preparatory class, to a four years' course without a preparatory class.

This change would give much more time for the prosecution of the industrial features of the college, therefore, we recommend the change from a three years' course to one of four years, and that the preparatory course be abolished.

We recommend that the first year be the same for all students, and that the qualifications for admission be as follows: The applicant must be at least fifteen years of age, of good moral character, physically capable of performing the industrial duties, and must pass a satisfactory examination on the subjects of Arithmetic (four fundamental rules and common fractions), and English (reading, spelling, elementary grammar and geography).

Any student failing in these requirements may be admitted only by a vote of the Faculty.

The following outline for the curricula is hereby recommended:

#### FOR THE AGRICULTURAL COURSE.

##### *First Year—Fourth Class.*

Mathematical Department.—Arithmetic and Algebra through Simple Equations.

English Department.—Grammar, Language Lessons, Composition and Declamation.

Agricultural and Horticultural Departments.—Botany, Entomology and Stock Lectures.

Mechanical Department.—Shop Practice in Wood Work and Drawing.

Military Drill.

##### *Second Year—Third Class.*

Mathematical Department.—Algebra completed, Geometry and Plane Trigonometry.

English Department.—Grammar, Essentials of English Composition, Declamation and United States History.

Chemical and Physical Department.—Physics.

Agricultural and Horticultural Departments.—Horticulture, Dairying and Stock Breeding, and Practice in Experimental Horticulture.

Free Hand Drawing.

Military Drill.

##### *Third Year—Second Class.*

Mathematical Department.—Trigonometry finished, Surveying and Leveling, Analytical Geometry (optional), Field Practice.

English Department.—Rhetoric, Ancient; Mediæval and Modern History, Essays and Declamation.

Chemical and Physical Departments.—Chemistry, Laboratory Practice, Qualitative Analysis.

Agricultural and Horticultural Departments.—Cattle Feeding and Experimental Agriculture.

Bookkeeping.

One Modern Language.—Elective for Degree B. S., optional for Degree B. S. A.

Military Drill and Tactics.

*Fourth Year—First Class.*

FOR DEGREE B. S. (BACHELOR OF SCIENCE).

Mathematical Department.—Mechanics, Calculus (optional), Descriptive Geometry (optional).

English Department.—Development of Language and Literature, History, Criticism, Essays.

Chemical and Physical Departments.—Quantitative Analysis, Laboratory Work, Geology and Practical Mineralogy, Astronomy.

Physiology, Governmental Science, Logic.

Agricultural and Horticultural Departments.—Theoretical Horticulture, Structural and Microscopic Botany, and Vertebrate Zoology.

One Modern Language (elective).

Military Drill and Lectures on Military Science.

FOR DEGREE B. S. A. (BACHELOR OF SCIENTIFIC AGRICULTURE).

Mathematical Department.—Mechanics, Calculus (optional), Descriptive Geometry (optional).

English Department.—Development of Language and Literature, History, Criticisms, Essays.

Chemical and Physical Departments.—Quantitative Analysis, Laboratory Work, Geology and Practical Mineralogy, Astronomy.

Physiology, Governmental Science, Logic.

Agricultural and Horticultural Departments.—Structural and Microscopic Botany.

Veterinary Anatomy and Medicine.

One Modern Language (optional).

Military Drill and Lectures on Military Science.

## FOR THE MECHANICAL COURSE.

*First Year—Fourth Class.*

Same as Agricultural Course.

*Second Year—Third Class.*

Mathematical Department.—Algebra completed, Geometry and Plane Trigonometry.

English Department.—Grammar, Essentials of English Composition, Declamation, United States History.

Chemical and Physical Departments.—Physics.

Mechanical Department.—Mechanism, Steam Engine begun, Shop Work and Drawing.

Military Drill.

*Third Year—Second Class.*

Mathematical Department.—Trigonometry finished, Surveying and Leveling, and Analytical Geometry.

Field Practice.

English Department.—Rhetoric, Ancient, Mediæval and Modern History, Essays and Declamation.

Chemical and Physical Departments.—Chemistry.

Mechanical Department.—Steam Engine, Civil Engineering, Shop Work and Drawing.

One Modern Language (elective).

Military Drill and Tactics.

*Fourth Year—First Class.*

## FOR DEGREE B. C. E. (BACHELOR OF CIVIL ENGINEERING).

Mathematical Department.—Mechanics, Calculus, Descriptive Geometry.

Field Practice in Surveying and Leveling.

English Department.—Development of Language and Literature, History, Criticisms, Essays.

Chemical and Physical Departments.—Astronomy, Physiology.

Governmental Science and Logic.

Mechanical Department.—Drawing and Engineering.

One Modern Language (elective).

Military Drill and Lectures on Military Science.



## FOR DEGREE B. M. E. (BACHELOR OF MECHANICAL ENGINEERING).

Mathematical Department.—Mechanics, Calculus, Descriptive Geometry.

English Department.—Development of Language and Literature. History, Criticisms, Essays.

Chemical and Physical Departments.—Geology and Mineralogy, Astronomy.

Physiology, Governmental Science and Logic.

Mechanical Department.—Material of Construction, Slide Valves and Link Motion, Shop Practice and Drawing.

One Modern Language (elective).

Military Drill and Lectures on Military Science.

In the foregoing outline it will be seen that all students during the first year pursue the same studies. In the second year the scheme divides into two general courses, viz: An agricultural course and a mechanical course, the former leading to the degree B.S.A. or to the degree B.S., the latter to the degree B.M.E. or to the degree B.C.E.

It will thus be seen that after completing the first year students can select either the agricultural or the mechanical course, and in their last year, when their minds are more fully developed, each may devote himself especially to those studies bearing on his chosen life work.

Second. That under proper restrictions, as hereinafter set forth, greater flexibility be given to the courses to the end that students may be allowed to pursue certain studies, receiving on completion, certificates of proficiency therefor.

Students, at the end of the second year's course, may take a select course; provided, they always choose some study or studies connected with the Agricultural or Mechanical Departments, and for such studies the following special courses are provided with the understanding that they should be subject to modifications by the Faculty.

## SPECIAL COURSES OF INSTRUCTION.

Agricultural Department—Dairying, Horticulture, Agricultural Chemistry.

Mechanical Department—Carpentry, Blacksmithing, Machinery.

Five years ago the courses were shortened from four years to three. A return to the former involves a review of the causes

which led to its abandonment and of the conditions which render its resumption advisable.

Briefly, the longer courses were abandoned because it appeared that shorter ones would be better adapted to the wants of a majority of the students who might desire to avail themselves of the advantages of industrial education. Such students often have neither the time nor means to give to studies which do not bear directly on their chosen pursuits. Short practical courses, having in view definite industrial occupations, were needed for these students. The experience of five years leads to the conclusion that no single general course in either agriculture or mechanics can be well adapted to these students and at the same time afford adequate training for such professions as those of the engineer or chemist, for example, who require much theoretical instruction of an advanced nature. These considerations have led to the foregoing recommendations of: First—General four years courses for students who desire advanced theoretical instruction leading to industrial professions, and Second—Short special courses for those who desire in a limited time to prepare to enter upon those occupations which require less theory and much practical experience and manual skill. These shorter courses will, it is believed, meet the wants of a small, but continually increasing number of young men who are at present practically debarred from the benefits of this institution but whose aims are entirely in accord with the objects of the college and who would probably prove upon going out into their life work the best exponents of its educational policy.

It is however to be borne in mind that the full development of special courses will require a considerable addition to the number of instructors. The agricultural course would probably require two or three more than it has at present, the mechanical at least two. If the resources of the college should not admit of this full establishment of the courses at present, they might nevertheless be established and the extent of their development left to the regulation of the Faculty. This would give to the instruction a flexibility which would enable the faculty to often vary the course of study within the limits of the available resources, greatly to the benefit of both the student and the college.

Third. We further concur in the second recommendation, viz: That in the estimates made to the Legislature provision be made for the division of the chairs of agriculture and mechanics into two departments each, and that for a certain time one department of each be placed in charge of an adjunct professor to

be elected by the Board. Said adjunct professor to have all rights of a professor at the head of a department.

Fourth. We further concur in the third recommendation that if practicable, a students' labor fund be provided for the purpose of assisting deserving young men who may wish to defray a portion of their expenses by labor. Said fund to be placed under such restrictions as may be deemed best.

For the Faculty,

H. H. DINWIDDIE, Chairman.

R. H. WHITLOCK, Secretary.

## Report of the Chairman of the Faculty.

*Hon. W. R. Cavitt, President of the Board of Directors, Agricultural and Mechanical College of Texas:*

SIR—The period which has elapsed since I had the honor to present my last special report to your honorable Board has been one of notable significance in the history of this college. A public opinion which for many years has found expression in widespread dissatisfaction with antiquated and inadequate systems of education has within the last decade taken a constructive form in the advocacy of definite reforms. It does not seem improbable that the time will come when the rise of industrial education will be pronounced the most important factor in our contemporary progress. Its bearing upon the most profound social and economic problems of our time, its appeal to that common sense which is so characteristic of untrammelled modern thought has given it a prominence in current literature which forces its consideration upon the mind of every thoughtful citizen. Indeed, so profound has been the recent changes brought about by the introduction into education of the industrial idea that its effects may well be named a revolution. Leading this revolution the industrial colleges and manual labor training schools of the United States have long encountered the difficulties of pioneers, often falling into mistakes, sometimes too far in advance of a sustaining public opinion, but oftener, perhaps, timidly lingering too far behind it. Within the last few years, however, it has been difficult to keep in advance of this public opinion, and all the more so because this advance has been neither noisy nor sensational. Six years ago this college threw itself decisively into the current of educational advance, at first indeed a little timidly, but soon with confidence inspired by success. During the last three or four years there has been no doubt in the minds of anyone connected with this institution as to the nature of the progress which the people of Texas expect of it. From the co-existence of many favorable conditions nothing less than very decided success in the administration of the college was to have been expected. With a Board of Directors



and Faculty in complete accord as to the objects to be accomplished, and the means of accomplishing them, with indubitable evidences of public support, with a harmony of purpose and effort in the Faculty which excluded the slightest internal discord, with a liberal provision by the Nineteenth Legislature for equipment, with most gratifying immunity from untoward incidents of all kinds, it would indeed be surprising if the college has not been successful since its condition was last formally reported through official channels to the people of our State. The evidences of this success are to be found in several directions. The number of students has steadily increased till the dormitory accommodations have been exhausted, favorable comment has supplanted harsh criticism in the columns of some of our leading newspapers, and most significantly the two great organizations of farmers, the Grange and the Alliance, have fully endorsed the institution as the exponent of the education demanded by that great industrial class which includes no less than seventy per cent of the citizens of our State. The truest evidence of success however is to be found in the part which will be taken by the young men who go out from the college in contributing to the progress of the commonwealth. This too has begun to be manifested in the success which has already attended our graduates in the pursuit of professions for which they have been fitted by their training here.

Those who are most familiar with the history of the college are fully aware of the fact that every success of the institution has been won by consistently maintaining its character as an industrial school. What this has involved only those who have had to guard against the insidious encroachments of the old classical system know. At last, however, there seems to be little danger that any circumstances will ever again arise which will endanger the continued progress of this school in its legitimate work. The material surroundings and appliances of the college are now such as to irresistibly enforce adherence to its proper work. Within the last two years most important additions have been made to the equipments for industrial training. Indeed by the judicious and economical expenditure of the last legislative appropriation the Board of Directors have placed at the command of the Faculty an equipment which is perhaps unequaled by that of any institution in the United States which has not had a much larger fund available for this purpose. The details of these improvements, together with their cost, may be found in the report of the Treasurer, and it is believed that a comparison of that report with the financial statements of other institutions will fully confirm the opinion here expressed. So recent has

been the introduction of industrial education, and so rapid its progress, that it cannot be regarded as a reflection upon our most accomplished scholars to presuppose a lack of information in regard to the present academic status of this college. This consideration requires a review here of much that has already been published, and in endeavoring to present a sufficient account of the college no further apology seems necessary for repetitions of considerable portions of the catalogue and of former reports.

#### APPLIANCES FOR INSTRUCTION.

These consist, in the agricultural course, of the farm, garden, orchard and vineyard, for instruction in experimental culture and horticulture. Nine head of registered cattle, Dutch Freisians, Galloways and Jerseys, a large number of Berkshire, Essex and Poland China swine, together with a herd of high grade animals and common stock, furnish facilities for the illustration of the principles and practice of stock management. For the care of these animals and of the work-mules of the farm there are ample barns and sheds. In the largest barn are storage rooms for forage and for implements and spaces occupied by an experimental silo and hay scales. The department is supplied with improved farm machinery. A well arranged piggery is provided for the care of swine, and an extensive poultry yard furnishes ample facilities for the study of various breeds of fowls. At present about two hundred chickens per month are hatched in the incubators, which number will soon be largely increased. The products of the farm are all consumed by the boarding department of the college, and by the farm stock. In the near future the increase of blooded stock will undoubtedly be a source of continually increasing revenue to the agricultural department as it is now in the older agricultural colleges of our country. Among the means of advanced instruction of students,

#### THE CHEMICAL LABORATORY

holds a prominent place. For as many as twenty students working at one time this furnishes ample facilities. It is fitted up with excellent and quite complete apparatus for all kinds of analyses. It has gas and a good head of the best cistern water supplied by a small pumping steam engine. The value of apparatus and chemical material as shown by inventory is \$4,000.

In the mechanical course the means of instruction are included chiefly in two large shops. A two story wooden building 83 by 34 feet, with a small boiler room attached is furnished

with a twelve horse power vertical engine with cut-off and reversing attachment. A large part of the first story and the whole of the second are occupied by work benches sufficient to accommodate fifty-two students at one time. Each bench is furnished with all the carpenter tools needed in ordinary wood working. A special tool room contains all tools which are required only occasionally. A large room on the lower floor is used for mechanical drawing. A new brick building with a large boiler room attached is fitted up with the latest machinery for metal work. It has a floor space of 80 by 35 feet, giving ample room for its present equipment, which consists of two speed lathes, iron planer, drill press, circular saw, gig saw, band saw, six wood-turning lathes, emery wheels, grindstone, etc., all driven with a twenty horse power straight-line engine, which is a specially fine piece of mechanism. The boiler which supplies this with steam is of a peculiar form, the Harrison Safety Boiler, and consists of a large number of connected cast iron globes by means of which safety, economy of fuel and quick making of steam are secured.

#### THE PHYSICAL LABORATORY.

This is well supplied with apparatus for the illustration of the principles of natural philosophy which underlie all mechanical operations. It bears to the mechanical course somewhat similar relations to those existing between the chemical laboratory and the agricultural course. Its apparatus is worth about \$3000.

#### THE MECHANICAL EQUIPMENT

Consists of three transits, four compasses, four levels, one solar compass, one plane table, complete set of models of projection with necessary accessories for practical engineering and surveying.

All departments are well furnished with maps, charts and all the ordinary apparatus of class room instruction.

#### METHODS AND SCOPE OF INSTRUCTION.

Apart from the strict subordination of the ancient languages the general education of the student is as complete as it is in colleges which ignore industrial training. Indeed the six or eight hours per week which are here devoted to practical training in the shops and laboratories do not consume nearly so much time as is given to the classics under the old system.

In this college, therefore, the student is able to give much more attention to those subjects which concern him as a citizen



who must consider intelligently all those social and economic questions which will appeal to the ballot for solution. History, modern languages and their literature, logic, civics, are all deemed worthy of the most earnest study since it is no part of the object of an industrial school to narrow the mental grasp of its students to the mere concerns of any occupation, but rather to widen their views to the full requirements of the most eminent citizenship, for thus alone can the farmer and mechanic become fit for the highest duties and honors that his fellow-citizens may assign him.

#### LIBRARY.

This contains about 2700 volumes, a large number of which have been chosen with reference to the special character of the college. The reading room, in connection with the library, has for two years been supplied with the leading periodicals of the United States. The excellent condition of the library at this time is largely due to the careful attention of Dr. R. Wiprecht, who discharges the important duties of librarian without compensation.

#### GROUNDS AND BUILDINGS.

Within the last year the grounds have been greatly improved by laying off, grading and sodding. The buildings have been kept in excellent repair and are quite free from those evidences of vandalism so often conspicuous in school buildings. Large areas of the college land have been fenced, furnishing pastures for the use of the agricultural department.

#### ACADEMIC STATISTICS.

The academic work of the college is now performed by the following professors and assistants:

H. H. Dinwiddie, Professor of Chemistry and Physics.

L. L. McInnis, Professor of Mathematics.

R. Wiprecht, Professor of Languages.

W. L. Bringhurst, Professor of English and History.

R. H. Whitlock, Professor of Mechanics, Engineering and Drawing.

Geo. W. Curtis, Professor of Agriculture and Horticulture.

Lieutenant Guy Carleton, U. S. A., Professor of Military Science.

R. F. Smith, Assistant in Mathematics.

W. Wiprecht, Assistant in Chemistry and Physics.

F. E. Giesecke, Assistant in Mechanics.

W. B. Philpott, Assistant in English.



During this session 171 students have matriculated. Last session there were 170 for the entire year. The graduating class now numbers 10. Thirty-two students have entered the agricultural course, 99 the mechanical, the remainder are in the preparatory class. All the agricultural students have carpentry practice in the first year.

#### MILITARY INSTRUCTION AND DISCIPLINE.

Military instruction is confined to such exercises as do not interfere with the industrial work. It is, however, thorough as far as it goes, and fulfils in good faith the requirements of the law of Congress. It is invaluable in maintaining discipline.

The college possesses uncommon advantages for the protection of the morals of the students in its situation five miles from any town or other place of dissipation and in constant supervision of officers living in the same buildings with the students.

#### EXPENSES OF STUDENTS.

This college, unlike most others, undertakes not only the tuition of its students, but their entire maintenance, except in the supply of clothing and books.

It is able, therefore, definitely to announce the cost per session of attendance upon its course. The strictest economy in administration of the mess department has shown that the following charges will supply a student with board, fuel, washing, lights, room and furniture, as well as with physicians' attendance in case of sickness without loss to the college, but that this could not be done under less favorable circumstances of location, number of students and skillful management than exist here.

#### EXPENSES FOR NINE MONTHS.

Incidental fee .....	\$5 00
Physician's fee .....	5 00
Fall term.....	45 00
Winter term .....	50 00
Spring term .....	45 00
Total.....	\$150 00

All other expenses of clothing, books, stationery, etc., need not cost over fifty dollars additional.

#### HEALTH OF OFFICERS AND STUDENTS.

This has been excellent. There has been only one death, that of a student who exposed himself very imprudently after breaking through the ice on a pond last winter, and subsequently died of pneumonia.

## THE FUTURE OF THE COLLEGE—SUGGESTED IMPROVEMENTS.

The experience of some years has continued to point out, from time to time, various changes in detail which have become necessary in the growth of an institution like this, especially in a State like ours, where all surrounding conditions are so rapidly changing. Five years ago, the present two courses of three years each seemed best adapted to the wants of our people. It now appears that these courses are fairly developing defects that may soon lead to some changes decidedly advantageous. The rapid improvement of our common schools, through the increasing numbers of skillful professional teachers, promises soon to render unnecessary the existing preparatory class. The great difficulty experienced by an average student of finishing in three years a course of study as extensive as that now required for graduation, and which cannot be abridged without cutting out subjects of the utmost practical importance, suggests a lengthening of the general course of agriculture and mechanics to four years. At the same time it seems that these four years' courses might be made more flexible and thereby adapted to the wants of students who have definite objects in view and may wish, especially in the fourth year, to specialize their work in the direction of their chosen occupation. Besides, there is undoubtedly a growing demand for very short courses of practical instruction in such subjects as carpentry, blacksmithing, dairying, horticulture, etc., for the benefit of young men, not boys, who have neither the time nor the means to pursue the general courses. Whether any considerable changes be made in the courses of instruction or not, any further considerable advances, will involve expenditures not less in amount than those of the last four years. Should the Legislature continue its liberal policy towards the college of the last two sessions, there would be no difficulty in meeting the

## MOST IMPORTANT NEEDS OF THE COLLEGE.

The present dormitory accommodations will not admit of any increase in number of students. If the necessary building for this purpose should not be soon constructed, many young men will be debarred from the benefits of this school, an exclusion all the more serious because no other institution in the State can be substituted for this by those who intelligently seek admittance to it.

## ADDITIONAL PROFESSORS.

\*These are greatly needed in the agricultural course especially. One professor has now the work usually assigned to several in the best agricultural colleges of our country. The subject of horticulture, including as it does laborious and careful experiments in fruit and vine culture, specially important in a State having so large an area of treeless land as ours has, should have the whole time and attention of at least one accomplished specialist. The contemplated establishment of a creamery would require the services of at least one trained assistant, and a competent superintendent of the farm would further permit the Professor of Agriculture to devote his time to the higher work of his department. The Professor of Mechanics is no less in need of more assistance. The subject of drawing is one which should have the services of another professor, and there should be two or more skilled workmen as foremen in the carpenter's, blacksmith's and plumber's shops respectively. If the courses should be extended and specialized, as already suggested, these additional professors and assistants would be necessary. In other words, any considerable further advance of the college depends upon the employment of these instructors.

## ADDITIONS TO APPARATUS.

So well are the departments equipped at this time that no large sums would be needed for this purpose. The mechanical department will probably need soon a forge shop and forges. All departments will require of course the usual running supplies and means for enlargement in the event of provision being made for the admission of more students.

## PROFESSORS' RESIDENCES.

These are already much needed, and will be indispensable in the case of the appointment of more professors.

## INFIRMARY.

A small, but comfortable building, somewhat apart from the dormitories, is needed for the accommodation of the sick. The want of such a building properly furnished would have been most seriously felt had any considerable sickness prevailed during the last few years.

## LIBRARY AND MUSEUM.

These may well absorb any amount of funds yearly, but they should not fail to receive the attention which they deserve as most important adjuncts to formal teachings.

## HEATING APPARATUS.

The safety of the buildings is endangered now by the use of stoves in heating. The practical insurance and economy of a suitable steam heating apparatus urges the necessity of providing it as soon as possible.

## LABOR FUND.

For the encouragement of deserving young men who often desire to pay a portion of their expenses by labor on the farm or in the shops, some of the most successful agricultural colleges have for many years set apart a labor fund. It is believed that \$1000 per annum used in this way here would not only prove a most judicious benefaction but would be very influential in cultivating among the students a sentiment of manly pride and independence in manual labor.

Very respectfully, your obedient servant,

H. H. DINWIDDIE,  
Chairman of the Faculty.



## REPORT OF THE AGENT OF THE BOARD.

*Hon. W. R. Cavitt, President of the Board of Directors, Agricultural and Mechanical College of Texas :*

SIR—As the Agent of your Board I deem it proper that I should call the attention of your honorable body to some of what I consider the principal necessities of the college to make it what it ought to be, as the only school in the State specially established for the education of the sons of the industrial classes.

It is well known to those who know anything about industrial education, that the cost of preparing to teach, or I may say, the plant necessary to successfully cultivate the mind in the scientific and train the hand in the practical education given at an institution like this, is very much more costly than that for a mere literary school. But as a compensation, or more than an equivalent, the results attained are more beneficial to the great body of the people of the State.

Having been a mechanic myself before coming to Texas, for more than thirty-five years that I have lived in the State a farmer, and having raised and educated boys of my own, I can well understand the great advantages now to be obtained from the establishment of such a training school as the Agricultural and Mechanical College for the young men of the industrial classes who now and hereafter desire to fit themselves for the practical duties of life.

One of the first necessities of the college to enable it to maintain its present status, is an appropriation, sufficient in amount to meet the continual expenditure of money for material used up in the work shops, for chemicals used in instruction in the laboratory and demonstration in the class room, for necessary repairs of machinery and apparatus, for the employment of trained assistants in this kind of teaching and to keep in repair the buildings, cisterns and pumps, the proper care of sinks, sewers and grounds, the improvement of the campus and the repair of fencing properly not included in the farm.

The Legislature has, for the last four years, appropriated for the above purposes the sum of \$15,000 per annum. This amount has enabled the Board of Directors, by close economy, to accomplish what the college was intended for, and if like appropriations are made, by like care in disbursement, will enable them

to successfully continue the training of the young men of Texas, in scientific and practical agriculture and mechanics.

The college can now accommodate comfortably not more than one hundred and forty students, and the appropriation of \$15,000 referred to above had in view the reception of that number of students only. But as very much the largest proportion of the young men of Texas who desire a scientific and practical training in agriculture and mechanics can only secure it at the Agricultural and Mechanical College, your agent, in what he conceives to be the discharge of his duty, would respectfully suggest to your honorable body the necessity of making an effort to increase the capacity of the college, so as to enable them to accommodate a number of students somewhat commensurate, not only with the importance of the practical education here to be obtained, but also with the numerical strength of the industrial classes in the State, who will necessarily seek entrance into this school to secure such training.

To enable the Board to receive a greater number of students will require the building of new barracks.

A new barracks built of brick, containing seventy-five rooms, each twelve by fourteen feet, on opposite sides of hallways, on three floors, would accommodate one hundred and fifty students, and such a building, supplied with heating apparatus and gas, would cost not less than \$20,000, and to furnish the same an additional sum of about \$2500.

It is for your honorable body to determine whether or not you will ask the Legislature to make an appropriation for such purpose.

If the Board purposes asking for an appropriation for the above increase of accommodation, it will be necessary to ask for a further appropriation of \$10,000, to build additional professors' residences, to accommodate the increased teaching force required by increase of students. Thus, for the widening out of the capacity of the college, as above stated, it will require an appropriation of \$35,000—\$25,000 for the first year and \$10,000 for the next.

Another want of the college is some suitable provision made for the better care of the sick. Boys cannot be made comfortable, when unwell, if required to remain in their rooms with the vigorous and healthy; nor ought their room mates be required to give that attention essential to the sick, thereby interfering with their own rest and study.

The resident medical officer should be provided with a dwelling, with two or three rooms attached, where those on the sick list can be placed under the care of a trusty nurse, to wait on and

to see that suitable nourishment is properly prepared for them. The Steward of the college has prepared estimates for additions and repairs requisite to keep his department in successful working order. His department is so essential to the prosperity of the college that I respectfully suggest that his request be given careful consideration.

Another pressing want of the college is a more abundant supply of water. The tanks and cisterns already provided are sufficient for ordinary seasons, but for the past four months the rain fall has been so little that water for culinary and drinking purposes is almost exhausted.

An artesian well would prevent a like occurrence, and if the flow of water was sufficient, add all that is necessary to the successful cultivation of the farm, garden, orchard, and the growth of trees and shrubs on the campus.

An exhaustive inventory of college property has just been taken, the footings of which show college property in the possession of the several departments amounting to the sum of \$212,060.47.

This is exclusive of 2416 acres of land donated the college by the county of Brazos, and estimated to be worth \$16,912, making estimated total value of property belonging to the Agricultural and Mechanical College of Texas, \$228,972.47.

For details of property I respectfully refer you to itemized inventories on file in the office of the college Treasurer.

I have the honor to be,

Very respectfully, your obedient servant,

T. M. SCOTT.

# REPORT OF SECRETARY AND TREASURER.

*Hon. W. R. Cavitt, President of the Board of Directors Agricultural and Mechanical College of Texas:*

SIR—I have the honor to submit the following report for the two years beginning January 6, 1885, and ending January 6, 1887:

## GENERAL STATEMENT.

Receipts and disbursements January, 1885, to January, 1887:

### *Receipts.*

January to June, 1885:	
From A. and M. College.....	\$7,927 08
June, 1885, to June, 1886:	
From A. and M. College .....	23,629 21
From State of Texas, general revenue.....	10,000 00
From State of Texas, University fund.....	5,000 00
June, 1886, to January, 1887:	
From A. and M. College.....	16,479 51
From State of Texas, general revenue .....	10,000 00
From State of Texas, University fund .....	3,151 80
Total receipts.....	<u>\$76,187 60</u>

### *Disbursements.*

January to June, 1885:	
For A. and M. College .....	\$11,769 93
June, 1885, to June, 1886:	
For A. and M. College .....	17,176 19
For State appropriation.....	17,108 96
June, 1886, to January, 1887:	
For A. and M. College .....	12,471 03
For State appropriation.....	11,217 12
Total disbursements .....	<u>\$69,743 23</u>

Total receipts.....	\$76,187 60
Total disbursements.....	69,743 23
Balance .....	<u>\$6,444 37</u>
Balance January, 1885 .....	592 82
Balance cash on hand.....	<u>\$7,037 23</u>

This balance is due to the fact that the students have recently made payment for the winter term, and the same will be used



for purchase of supplies and payment of necessary expenses of the winter term.

In the above exhibit, "from Agricultural and Mechanical College," includes all money received from all sources other than the State appropriation, viz.: From students, professors, officers, sale of farm produce, etc. "For Agricultural and Mechanical College" includes all money expended for the maintenance of students, which includes board, washing, fuel, lights, medical attention, text books and incidental expenses; the pay of all officers and employes except those hereinafter mentioned, and all other expenses incidental to the maintenance of the students.

#### INTEREST ON ENDOWMENT ARISING FROM THE UNITED STATES LAND GRANT.

The State received from United States land grant for this college one hundred and eighty thousand acres of land scrip. The scrip was sold in 1871, at eighty-four cents per acre, and the proceeds invested in seven per cent State bonds. The amount realized from sale of scrip was \$156,000, and the bonds purchased amounted to \$174,000. In 1876, \$35,000 of accumulated interest was invested in six per cent State bonds. This now forms the permanent endowment of the college.

Bonds.	Rate.	Interest.
\$174,000	7 per cent	\$12,180 00
35,000	6 per cent	2,100 00
Total annual interest,	- - - -	\$14,280 00

#### AMOUNT DISBURSED FROM THIS FUND.

*January to June, 1885.*

Pay of professors and officers, - - - - - \$7,974 74

*January, 1885, to June, 1886.*

Pay of professors and officers, - - - - - 11,993 48

*June, 1886, to January, 1887.*

Pay of professors and officers, - - - - - 5,343 62

Total for two years, - - - - - \$25,311 84

It is proper to state that on June 1, 1885, this fund had been overdrawn, so that it became necessary to make the amounts charged against the same for the scholastic year 1885-6 less than the annual interest. In June, 1886, the overdraw no longer existed. By the conditions of the land grant, and the laws of the State, the interest alone of this fund, is available, and that only for the pay of professors and officers of the college.

## TOTAL EXPENDITURES.

*January, 1885, to January, 1887.*

For maintenance of students, - - - - -	\$41,417 15
From State appropriation, - - - - -	28,326 08
From interest and endowment, - - - - -	25,311 84
Total, - - - - -	<u>\$95,055 07</u>

Attention is called to the fact that the first item in the above exhibit, \$41,417 15, for the maintenance of the students, is not a charge in any sense against the State, but is paid by the students themselves, the same being collected from them and expended for supplies, washing, fuel, lights, etc. Deducting this amount, there is left as the total expenditure for two years, \$53,637.92. Of this amount there is derived from the United States land grant, which is a gift to the industrial classes of the State, \$25,311.84, leaving the cost of the college to the State for the two years, \$28,326.08, being an annual expenditure of \$14,163.04.

When it is considered that, at a cost to the State of only \$14,163.04 per annum, the Agricultural and Mechanical College has been attended each session by 170 young men; that the charges to each student, for all necessary expenses, are only \$150 per session; that numerous additions have been made to the equipment of the college, viz: Additional tools and machinery, engineering instruments, chemical apparatus, library; and that the expense of the experiments in agriculture have been paid, it will be recognized with what economy the affairs of the college have been managed by the Honorable Board of Directors.

## DISBURSEMENT OF STATE APPROPRIATION.

The following exhibit will show how the appropriation made by the Nineteenth Legislature has been expended:

	June, 1885, to June, 1886.	June, 1886, to January, 1887.	Total.
Agricultural department.....	\$1,655 53	\$2,333 43	\$3,988 96
Farm.....	3,587 67	1,360 53	4,948 20
Mechanical department.....	1,796 93	947 67	2,744 60
Chemical department.....	677 30	490 96	1,168 26
Mathematical department.....	53 20	100 00	153 20
Library.....	766 17	716 38	1,482 55
Gas machine.....	1,550 55	5 70	1,556 25
Salaries.....	2,876 00	2,906 63	5,782 63
Repairs.....	1,227 32	729 07	1,956 39
Delegates to agricultural conventions,	214 32	45 30	259 62
Improvement of the campus.....	1,011 09	695 40	1,706 49
Printing and advertising.....	321 70	539 90	861 60
Sinks.....	361 23	.....	361 23
Building farm house.....	259 95	.....	259 95
Janitors.....	750 00	.....	750 00
Section room chairs.....	.....	346 15	346 15
Total.....	\$17,108 96	\$11,217 12	\$28,326 08

The amount of the appropriation was \$30,000.

Balance unexpended January 6, 1887, \$1,673.92.

The salaries of officers and employes for the months of January and February will be \$844.16 each month; for two months, \$1688.32.

Therefore, at the end of the appropriation year, February 28, 1887, the State appropriation will have been exhausted.

Vouchers have been filed in the Comptroller's office, for the State appropriation, amounting to \$28,151.80, which agrees with the amount received.

## EXPENSES OF STUDENT FOR SESSION.

The following is the schedule of charges for the session of nine months:

Incidental fee.....	\$5 00.
Medical fee.....	5 00
Fall term—board fuel, lights, washing, rooms.....	45 00
Winter term—board, fuel, lights, washing, rooms.....	50 00
Spring term—board, fuel, lights, washing, rooms.....	45 00
	<hr/>
	\$150 00

A deposit of five dollars is made to cover damages to the public property. If no damages are charged to the student, this is returned.

#### ROOM FURNITURE, CLOTHING, ETC.

The college will furnish the following articles free of charge: Bedsteads, mattresses, pillows, tables, wash stands, chairs, wardrobes, lamps, buckets, basins and slop cans.

Students should bring with them pillow cases, blankets or comforters, sheets (for single beds), towels, comb, brush, tooth brush, clothes bag, and other articles of personal apparel and use.

#### UNIFORM, BOOKS AND STATIONERY.

A neat uniform of cadet gray cloth is furnished here at a cost of from fifteen to eighteen dollars, depending upon the size.

Books and stationery may be obtained here. They will probably cost about five to eight dollars per session.

#### SALARIES OF PROFESSORS, OFFICERS AND EMPLOYES.

The following are the salaries now paid the several officers named :

One professor and chairman.....	\$2,400 00
Five professors, at \$2000.....	10,000 00
Agent of the Board.....	750 00
Foreman of shops.....	720 00
Foreman of farm.....	500 00
Treasurer.....	200 00
Steward.....	1,500 00
Assistant professor of mathematics.....	675 00
Assistant professor of English.....	540 00
Assistant professor of chemistry and physics.....	600 00
Assistant professor of mechanics.....	450 00
Assistant professor of agriculture.....	450 00
Instructor in mathematics and English.....	405 00
Three janitors.....	600 00
One man of general work.....	250 00
Resident surgeon and health officer.....	750 00
Workmen on farm and campus.....	1,200 00
Total .....	<u>\$21,990 00</u>

Of these the members of the Faculty and Treasurer are paid out of interest on the endowment; the assistant professors, foremen of shops and farm and Agent of the Board are paid out of the State appropriation; all others are paid out of funds received from students.



NEEDS OF THE SEVERAL DEPARTMENTS OF THE COLLEGE ON AN  
ECONOMICAL BASIS.

In order that the expenses to students may be made a minimum, and thereby the practical education afforded by the college enjoyed by the greatest number of young men from the industrial classes of our people, the college should have an annual income sufficient to pay the salaries and wages of all officers and employes absolutely necessary to its successful operation, and also the other expenses incidental to its work as an industrial institution, and to keep the buildings, grounds and equipments in thorough repair. The following estimate of annual needs in the several departments is appended.

The amount stated below is in addition to the interest on the endowment which is by law set apart for pay of officers and professors, and which is now entirely used to pay the professors of the college.

## ESTIMATE OF ANNUAL EXPENSES.

Pay of assistant professors, officers and employes .....	\$8,000 00
Publication of reports, bulletins, etc., as required by act of Congress.....	500 00
Agricultural department:	
Experimental work, pay of foreman and stock man.....	1,500 00
Annual repairs—fencing, painting, etc .....	500 00
Mechanical department:	
Annual expenses—material, repairs, etc .. . . .	500 00
Chemical department:	
Supplies and repairs .....	500 00
Library:	
Subscriptions to periodicals and papers, and additions.....	1,000 00
General repairs of college buildings, fences, etc.....	1,000 00
Horticultural department:	
Improvement of campus, additions to orchard, vineyard, gardens, planting trees, etc.....	1,500 00
	<hr/>
	\$15,000 00

These estimates have been carefully made by the officers in charge of the several departments, and contemplate only keeping the college at its present efficiency.

While the above amount will enable the Board of Directors to maintain the present efficiency of the college, it does not admit of any increase, and in this age of progress, our State cannot afford to rest content with her present progress in the development of her Agricultural and Mechanical college.

## ESTIMATE OF NEEDED ADDITIONS AND IMPROVEMENTS.

The following additions to the equipment of the college are necessary to place it abreast with the successful agricultural colleges:

## FOR THE AGRICULTURAL DEPARTMENT.

Creamery building and apparatus.....	\$2,000 00
Enlarging barn for hay and machinery.....	1,500 00
Importing an additional number of registered cattle to add to the herd already owned by college.....	3,000 00
Fencing in lands now open belonging to the college.....	1,500 00
	<hr/>
	\$8,000 00
For new dormitory to accommodate 150 students.....	\$20,000 00
Furniture for same.....	2,500 00
For Surgeon's residence and infirmary.....	2,500 00
For two additional professors' houses.....	5,000 00
For mechanical department:	
addition to machinery and tools.....	2,000 00
	<hr/>
Total .....	\$40,000 00

## INVENTORY OF COLLEGE PROPERTY.

*Land, Buildings, Fences, etc.*

	<i>Estimated Value</i>
2416 acres of land .....	\$16,912 00
1 steward's residence .....	1,000 00
	<hr/>
Total.....	\$17,912 00
(The above was donated to the State by Brazos county)	
One main college building, 151½x60 feet, brick, four stories.....	\$100,000 00
One steward's hall and dormitory 91x39 feet, three stories, brick	} 35,000 00
One residence attached to steward's hall 40x30 feet, four stories, brick .....	
One stable and barn, 18x30 feet, frame .....	1,500 00
Nine cisterns, brick, underground.....	1,800 00
Plank fence, cedar posts, enclosing college campus, 161 acres.....	500 00
Five professors' residences.....	15,000 00
	<hr/>
Total.....	\$153,800 00
(The above improvements were made prior to 1876 when the college was opened.)	

## IMPROVEMENTS MADE SINCE OCTOBER, 1876.

Two story frame building 84x34 feet, wood working shop .....	\$4,000 00
Two story frame building, farm house.....	1,000 00
One story frame building, for employes.....	500 00
Seven underground cisterns, brick.....	1,400 00
Bath house, 16 rooms.....	300 00
Oil house . . . . .	100 00
Fence, plank and wire, small pasture, 46 acres . . . . .	100 00
Telephone line, college to Bryan, five miles.....	250 00
Brick shop, 80x40 feet, iron working .....	5,000 00
Store room mess hall, with cellar .....	2,500 00
Bakery . . . . .	500 00
Cattle shed .....	500 00
Large barn .....	2,500 00
Fences, pasture, east of college, 461 acres.....	1,500 00
Fences, pasture, east of H. & T. C. railway, 850 acres .....	2,000 00
Two tanks in pastures .....	500 00
Piggery.....	500 00
Total .....	<u>\$22,950 00</u>
Total permanent improvements.....	\$194,662 00

*Equipment.*

		<i>Estimated value.</i>
Furniture in possession of professors, officers, and employes .....		1,055 55
Furniture, Chairman's office.....		291 62
Furniture, Treasurer's office.....		200 00
Agricultural Department:		
8 work animals. . . . .	\$975 00	
3 Holstein cattle.....	845 00	
3 Gallaway cattle.....	600 00	
1 Jersey bull.....	125 00	
1 cross bred heifer.....	50 00	
1 Creole cow.....	50 00	
112 grade cattle.....	1,995 00	
13 thoroughbred hogs.....	130 00	
205 cross bred and grade hogs.....	623 00	
Total farm stock.....	<u>\$5,893 00</u>	
Farm produce.....	1,151 00	
Farm implements.....	1,567 10	
Section room furniture.....	<u>146 00</u>	
Total Agricultural Department.....		8,757 10
Amount carried forward.....		<u>\$10,304 27</u>

Amount brought forward.....		\$10,304 27
Mechanical Department:		
Tools and machinery.....	\$5,030 44	
Section room furniture.....	147 00—	5,177 44
Chemical and Physical Department:		
Apparatus, etc. ....		7,005 68
Mathematical Department:		
Surveying and engineering instruments.....		1,790 00
Language Department.....		196 00
English Department.....		140 00
Library, books, etc.....		3,829 85
Furniture, students'.....		1,977 50
Improvement of campus:		
Pair mules, wagon, and tools.....		553 00
Mess Hall:		
Furniture, etc.....		3,336 73
Total equipment.....		\$84,310 47
Total Estimated Value of College Property:		
Permanent—land, buildings, and fences .....		\$194,662 00
Permanent equipment.....		34,310 47
Grand total.....		\$228,972 47

Detailed inventories of all property of the college in the several departments are on file in this office, as required by resolution of the Board of Directors.



## EXHIBIT A.

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I submit herewith a list of all warrants paid by Treasurer from January 6, 1885, to January 6, 1887.

An account is kept in this office with each of the several departments of the college. Said accounts are credited with the amounts appropriated to each by the Board of Directors, and charged with all expenditures made in pursuance of the orders of the Board.

When an account has been certified to as being correct by the Head of the Department, it is examined and audited by the Agent of the Board, who then draws his warrant on the Treasurer, specifying against what appropriation said warrant is drawn. The Treasurer pays the Agent's warrants by drafts on the Fiscal Agent, who is placed under a \$30,000 bond.

By a wise order of the Board, the Treasurer is forbidden to pay any warrant after the amount appropriated for the account against which it may be drawn has been exhausted.

Respectfully submitted,

LOUIS L. McINNIS,  
Secretary and Treasurer.

## EXHIBIT A.

*List of Warrants Paid by Treasurer, January, 1885, to  
January, 1887.*

SERIES OF 1884-85.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount.
1885.					
Jan'y 8	309	Maintenance .....	Beef .....	W. C. Boyett.....	\$140 56
... 9	310	W. R. Pierce .....	Refunded.....	W. R. Pierce.....	5 00
... 10	311	Agricultural department.	Work on barn.....	H. P. Stacy.....	177 00
... 12	312	Expense.....	Stationery .....	L. L. McInnis.....	1 60
... 13	313	Maintenance.....	Groceries .....	A. M. Hardin & Co.....	79 51
... 13	314	Expense.....	Traveling for college.	R. Wipprecht.....	95 85
... 13	315	Expense.....	Traveling for college.	H. H. Dinwiddie.....	42 65
... 13	316	Expense.....	Traveling for college.	J. R. Cole .....	92 70
... 13	317	Maintenance.....	Groceries .....	Thurber, Whyland & Co	18 03
... 13	318	Maintenance .....	Groceries .....	W. D. Cleveland .....	34 65
... 13	319	Chemical department .....	Gasoline .....	Texas Lamp and Oil Co	16 20
... 13	320	Bookstore .....	Text-books .....	Sheldon & Co.....	12 29
... 13	321	Bookstore .....	Text-books .....	B. Westernman & Co.....	14 45
... 13	322	Bookstore .....	Text-books .....	Clark & Maynard.....	28 35
... 13	323	Bookstore .....	Text-books .....	E. J. Hale & Co.....	21 60
... 13	324	Bookstore .....	Text-books .....	Blakiston & Co.....	22 50
... 13	325	Agricultural department.	Cotton seed meal.....	H. Schumacher.....	92 80
... 13	326	Agricultural department.	Hardware .....	W. Koppe .....	5 95
... 13	327	Agricultural department.	Lumber .....	Garth, Griffiths & Co...	9 05
... 13	328	Agricultural department.	Charges on cattle .....	G. W. Curtis.....	6 65
... 13	329	Agricultural department.	Fruit trees .....	J. B. Wild & Bro.....	5 00
... 13	330	Mechanical department..	Lumber .....	Fulkerson & Lawrence.	8 00
... 13	331	E. Cockrell .....	Refunded.....	E. Cockrell.....	5 65
... 31	332	Expense.....	Meeting of Board.....	L. L. McInnis.....	40 99
... 31	333	Agricultural department.	Laborers .....	G. W. Curtis.....	72 50
... 31	334	Agricultural department.	Painting barn .....	W. A. Dodson .....	27 95
Feb'y 2	335	Medical attendance .....	Surgeon .....	J. D. Read .....	90 00
... 2	336	Expense.....	Salary .....	R. F. Smith .....	120 00
... 2	337	Maintenance .....	Supplies .....	B. Sblsa .....	393 80
... 2	338	Maintenance .....	Salary, steward .....	B. Sblsa .....	150 00
... 2	339	Maintenance .....	Beef .....	W. C. Boyett.....	120 95
... 2	340	Expense.....	Drummer .....	J. R. Fisk .....	23 00
... 3	341	Contingent expense.....	Laborer .....	Bob Brixley .....	20 00
... 3	342	Expense.....	Janitor .....	C. Siebert .....	20 00
... 3	343	Expense.....	Janitor .....	A. Zdrazie.....	20 00
... 3	344	Maintenance .....	Laundry .....	A. Hill .....	100 00
... 3	345	Mechanical department..	Belting.....	Ho. Ma. & Sup. Co.....	55 66
... 3	346	Profit and loss .....	Drafts protested.....	J. S. Fawkes & Co.....	55 42
... 3	347	Expense.....	Express.....	Sam Hoffman.....	6 45
... 3	348	Expense.....	Meeting of Board.....	L. L. McInnis, Sec'y...	35 50
... 3	349	Expense.....	Telegrams .....	W. U. T. Co.....	2 40
... 3	350	Agricultural department.	Express.....	G. W. Curtis.....	1 20
... 7	351	Agricultural department.	Student labor.....	J. W. Carson.....	5 00
... 7	352	Bookstore .....	Text books.....	Ginn, Heath & Co.....	6 48
... 7	353	Agricultural department.	Rope .....	H. Kemole .....	4 45
... 7	354	Farm .....	Plows, etc.....	Ho. Ma. & Sup. Co.....	27 36
... 7	355	Expense.....	Telephone pole .....	J. W. Doremus .....	1 75
... 7	356	Farm .....	Forage.....	G. W. Smith .....	21 00
... 7	357	Maintenance.....	Forage.....	R. M. Smith & Co.....	7 90
... 7	358	Maintenance.....	Groceries .....	H. G. Koester.....	10 00
... 14	359	Expense.....	Box rent.....	Bryan P. O.....	1 00
... 14	360	Agricultural department.	Repairing tools.....	T. P. Wooten .....	3 29
... 14	361	Agricultural department.	Harrow .....	L. M. Runsey M'fg Co	19 75
... 14	362	Chemical department .....	Chemist's supplies.....	J. W. Queen & Co.....	2 95
... 14	363	Expense.....	Advertising .....	Bryan Enterprise.....	5 00
... 14	364	Agricultural department.	Paints.....	G. W. Norrell .....	13 47
... 14	365	Maintenance .....	Groceries .....	H. Kemole .....	40 86
... 14	366	Farm .....	Seed.....	H. Kemole .....	8 25
... 14	367	Farm .....	Seed.....	W. H. Webb.....	20 65
... 14	368	Farm .....	Seed.....	W. D. Cleveland.....	15 20
... 14	369	Agricultural department.	Hardware .....	W. Koppe .....	11 36
... 14	370	Mechanical department..	Hardware .....	W. Koppe .....	3 55

## EXHIBIT A—continued.

SERIES OF 1884-85.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount.
1885.					
Feb'y 14	371	Maintenance .....	Groceries .....	W. D. Cleveland.....	\$38 15
... 14	372	Maintenance .....	Groceries.....	W. D. Cleveland.....	68 98
... 14	373	Agricultural department.	Building tank .....	J. H. Suber.....	15 00
... 25	374	Farm .....	Seed .....	Plant Seed Co.....	11 09
... 25	375	Expense.....	Postage .....	Bryan P. O.....	5 00
... 25	376	Agricultural department.	Fertilizers.....	Baugh & Sons .....	44 40
... 25	377	Agricultural department.	Building tank .....	J. H. Suber.....	10 00
... 25	378	Agricultural department.	Fertilizers.....	C. D. Holmes & Co.....	21 75
... 25	379	Bookstore .....	Text-books.....	D. Appleton & Co.....	20 42
... 25	380	Mechanical department..	Pump .....	H. R. Worthington ...	37 39
... 25	381	Expense.....	Telephone .....	Erie Telephone Co.....	20 00
... 25	382	Medical attendance .....	Surgeon .....	J. D. Read.....	75 00
... 25	383	Maintenance .....	Beef .....	W. C. Boyett .....	176 63
March 5	384	Maintenance .....	Salary, steward .....	B. Sbisá .....	150 00
... 5	385	Maintenance .....	Supplies.....	B. Sbisá .....	444 60
... 5	386	Farm .....	Labor .....	B. Sbisá .....	11 05
... 5	387	Expense.....	Drummer .....	J. R. Fisk .....	23 00
... 5	388	Mechanical department..	Express .....	Sam Hoffman .....	10 90
... 5	389	Agricultural department.	Express .....	Sam Hoffman.....	2 60
... 5	390	Expense.....	Express .....	Sam Hoffman.....	2 50
... 5	391	Bookstore .....	Express .....	Sam Hoffman.....	1 65
... 6	392	E. C. Perry & J. W. Miles	Refunded .....	E. C. Perry & J. W. Mills	11 10
... 6	393	Expense.....	Janitor.....	A. Zdrázie.....	20 00
... 6	394	Expense.....	Janitor.....	C. Siebert.....	20 00
... 6	395	Maintenance .....	Laundry .....	A. Hill .....	128 45
... 6	396	Farm .....	Student labor .....	H. A. Stacy .....	4 80
... 6	397	Bookstore .....	Text-books.....	Wilkins & Adey.....	22 50
... 6	398	Agricultural department.	Laborer .....	G. D. Rahe .....	20 50
... 6	399	Farm .....	Laborer .....	E. Kellner.....	68 00
... 6	400	Farm .....	Forage .....	J. F. Caldwell & Co.....	206 41
... 6	401	Maintenance .....	Groceries .....	Kellum & Rotan.....	213 75
... 7	402	Maintenance .....	Laundry .....	D. Humphreys.....	5 60
... 7	403	Farm .....	Barbed wire .....	Ho. Ma. & Sup. Co.....	28 31
... 7	404	Mechanical department..	Belting .....	Ho. Ma. & Sup. Co.....	28 05
... 7	405	Farm .....	Forage .....	Paul Greig .....	108 65
... 7	406	Bookstore .....	Text-books.....	J. W. Queen & Co.....	4 41
... 7	407	Agricultural department.	Pump .....	J. S. Brown Hard. Co..	3 75
... 7	408	Maintenance .....	Hinges .....	J. S. Brown Hard. Co..	1 50
... 7	409	Expense.....	Telephone .....	Pan-Electric Tel. Co.....	122 00
... 7	410	Farm .....	Rope .....	E. Kellner.....	65
... 7	411	J. L. Nelson .....	Refunded.....	J. L. Nelson.....	3 65
... 12	412	Farm .....	Student labor .....	J. N. Davis .....	1 00
... 16	413	F. Goodrich .....	Refunded.....	F. Goodrich .....	2 00
... 16	414	A. L. Flint .....	Refunded.....	A. L. Flint .....	5 00
... 16	415	W. A. Lang .....	Refunded.....	W. A. Lang .....	4 65
... 16	416	J. L. Loving.....	Refunded.....	J. L. Loving.....	12 70
... 16	417	B. P. Stedman .....	Refunded.....	B. P. Stedman .....	4 90
... 16	418	F. M. Hummel.....	Refunded.....	F. M. Hummel.....	1 85
... 16	419	Bookstore .....	Text-books .....	Jansen McClurg & Co..	6 05
... 16	420	Expense.....	Salary.....	R. F. Smith .....	75 00
... 16	421	Bookstore .....	Text-books .....	John Wiley & Sons ...	6 38
... 16	422	Farm .....	Student labor .....	H. A. Stacy .....	5 10
... 16	423	Farm .....	Buffalo forge .....	J. S. Brown & Co.....	54 60
... 16	424	Farm .....	Seed potatoes .....	W. D. Cleveland.....	9 08
... 16	425	Farm .....	Plow points .....	J. F. Meyer.....	3 30
... 21	426	Maintenance .....	Groceries .....	W. D. Cleveland .....	36 20
... 21	427	Farm .....	Plow points, etc .....	Ho. Ma. & Sup. Co.....	20 70
... 21	428	Farm .....	Work on fence .....	J. H. Suber .....	3 75
... 26	429	Farm .....	Seed .....	J. W. Moore .....	6 00
... 26	430	A. G. Childrus.....	Refunded.....	A. G. Childrus .....	3 00
... 26	431	Expense.....	Mathematical instr'm'ts.	T. F. Randolph .....	3 82
... 28	432	Farm .....	Forage .....	R. M. Smith .....	27 90
... 28	433	Farm .....	Seed .....	Plant Seed Co.....	57 15
... 28	434	Maintenance .....	Groceries .....	J. F. Caldwell & Co.....	46 50
April 1	435	Maintenance .....	Beef .....	W. C. Boyett .....	207 79
... 1	436	Medical attendance .....	Surgeon .....	J. D. Read.....	90 00
... 1	437	Expense.....	Drummer .....	J. R. Fisk .....	23 00
... 1	438	Maintenance .....	Supplies.....	B. Sbisá .....	269 03
... 1	439	Maintenance .....	Salary, steward .....	B. Sbisá .....	150 00
... 1	440	Maintenance .....	Supplies.....	B. Sbisá .....	170 00

## EXHIBIT A—continued.

SERIES OF 1884-85.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount.
1885					
April 1	441	Maintenance .....	Laundry .....	A. Hill .....	\$46 50
... 1	442	Maintenance .....	Laundry .....	A. Hill .....	98 05
... 1	443	Expense .....	Express .....	S. Hoffman .....	17 83
... 2	444	Expense .....	Janitor .....	C. Siebert .....	20 00
... 2	445	Expense .....	Janitor .....	A. Zdrzil .....	20 00
... 2	446	— Atkinson .....	Refunded .....	— Atkinson .....	25
... 3	447	Farm .....	Student labor .....	D. Adriance .....	1 00
... 3	448	Farm .....	Student labor .....	W. Handel .....	1 95
... 3	449	Farm .....	Student labor .....	J. N. Davis .....	1 00
... 3	450	Expense .....	Salary .....	R. F. Smith .....	75 00
... 3	451	Farm .....	Laborers .....	E. Kellner .....	64 75
... 3	452	West Moore .....	Refunded .....	West Moore .....	10 00
... 3	453	T. A. Reese .....	Refunded .....	T. A. Reese .....	30 00
... 3	454	Repairs .....	Plastering .....	O. Lacatome .....	6 00
... 3	455	Maintenance .....	Groceries .....	H. Kemole .....	115 22
... 3	456	Farm .....	Seed .....	H. Kemole .....	5 00
... 3	457	Expense .....	Crockery .....	H. Kemole .....	5 95
... 3	458	Mechanical department .....	Lard oil .....	G. W. Norrell .....	2 70
... 3	459	Maintenance .....	Glassware .....	C. E. Clarke & Co. ....	7 23
... 3	460	Repairs .....	Smokestack .....	W. Koppe .....	23 25
... 3	461	Maintenance .....	Groceries .....	Thurber, Whyland & Co ..	116 38
... 3	462	Chemical department .....	Chemist's supplies .....	J. W. Queen & Co. ....	2 20
... 3	463	Farm .....	Blacksmith .....	T. P. Wooten .....	6 15
... 3	464	Maintenance .....	Groceries .....	Kellum & Rotan .....	196 55
... 3	465	Farm .....	Barbed wire .....	Ho. Ma. & Sup. Co. ....	192 29
... 3	466	Expense .....	Blankets .....	Webb Bros. ....	13 94
... 3	467	Farm .....	Forage .....	W. D. Cleveland .....	18 59
... 3	468	T. Stone .....	Refunded .....	T. Stone .....	24 75
... 3	469	Expense .....	Box rent .....	Bryan P. O. ....	1 00
... 3	470	Agricultural department .....	Laborer .....	G. D. Rahe .....	21 85
... 10	471	Agricultural department .....	Register fee .....	S. Hoxie .....	4 00
... 10	472	Mechanical department .....	Hardware .....	W. Koppe .....	4 75
... 10	473	Expense .....	Repairs, Math. Inst. ....	J. W. Queen & Co. ....	22 00
... 10	474	Farm .....	Student labor .....	H. A. McCulloch .....	3 00
... 10	475	E. B. Lawry .....	Refunded .....	E. B. Lawry .....	25 90
... 10	476	Farm .....	Hogs .....	John Rhoe .....	9 00
... 10	477	Agricultural department .....	Feed of mules .....	J. W. Tabor .....	1 00
... 10	478	Farm .....	Repairs, mower .....	L. T. Fuller .....	9 75
... 10	479	Farm .....	Seed .....	H. Kemole .....	20 36
... 10	480	Farm .....	Forage .....	G. H. Randle & Co. ....	146 83
... 10	481	Farm .....	Barbed wire .....	Ho. Ma. & Sup. Co. ....	185 10
... 10	482	Farm .....	Nails .....	J. S. Brown & Co. ....	4 45
... 10	483	Farm .....	Sheep shears .....	W. Koppe .....	1 75
... 10	484	Farm .....	Bois d' Arc posts .....	Coffman & Scott .....	161 65
... 10	485	Farm .....	Registered Jersey Bull ..	W. R. Cavitt .....	115 00
... 10	486	Maintenance .....	Groceries .....	Kellum & Rotan .....	40 20
... 10	487	Farm .....	Freight .....	Deere, Mansur & Co. ....	2 05
... 10	488	F. W. Moore .....	Refunded .....	F. W. Moore .....	20 00
... 22	489	Farm .....	Student labor .....	R. R. Roff .....	2 85
... 22	490	Farm .....	Work on fence .....	J. H. Suber .....	56 68
... 29	491	Farm .....	Student labor .....	F. L. Fordham .....	1 00
... 29	492	Farm .....	Student labor .....	J. Miles .....	1 00
... 29	493	Farm .....	Student labor .....	Hoon Roeder .....	1 00
... 29	494	Farm .....	Student labor .....	E. C. Pery .....	1 00
... 29	495	Farm .....	Student labor .....	C. C. Baldwin .....	1 00
... 29	496	Farm .....	Student labor .....	C. Fechner .....	1 00
... 29	497	Medical attendance .....	Surgeon .....	J. D. Read .....	85 00
May 1	498	Expense .....	Drummer .....	J. R. Fisk .....	23 00
... 1	499	Expense .....	Postage .....	S. Hoffmau .....	35 30
... 1	500	Agricultural department .....	Laborer .....	G. D. Rahe .....	20 82
... 1	501	Maintenance .....	Salary, steward .....	B. Sbis .....	150 00
... 1	502	Farm .....	Labor .....	B. Sbis .....	3 00
... 1	503	Maintenance .....	Supplies .....	B. Sbis .....	428 96
... 1	504	Farm .....	Student labor .....	L. Allen .....	1 00
... 1	505	Maintenance .....	Beef .....	W. C. Boyett .....	144 09
... 1	506	Maintenance .....	Laundry .....	A. Hill .....	65 65
... 1	507	Maintenance .....	Laundry .....	A. Hill .....	44 25
... 1	508	Expense .....	Salary .....	R. F. Smith .....	75 00
... 1	509	Farm .....	Student labor .....	F. L. Fordham .....	50
... 1	510	Farm .....	Student labor .....	W. Y. Garrison .....	59



## EXHIBIT A—continued.

SERIES OF 1884-85.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount.
1885.					
May 1	511	Expense.....	Janitor.....	A. Zdrazil.....	\$20 00
... 1	512	Expense.....	Janitor.....	C. Siebert.....	20 00
... 5	513	Farm.....	Labor.....	J. E. Smith.....	2 25
... 5	514	Farm.....	Student labor.....	W. Handel.....	11 70
... 5	515	Farm.....	Student labor.....	C. A. Lyon.....	1 00
... 5	516	Farm.....	Laborer.....	B. Brixley.....	20 00
... 5	517	Farm.....	Laborers.....	W. Whitney.....	53 50
... 9	518	H. G. Caldwell.....	Refunded.....	H. G. Caldwell.....	5 00
... 10	519	Farm.....	Seed.....	Plant Seed Co.....	11 65
... 10	520	Expense.....	Blank vouchers.....	Brazos Pilot.....	3 00
... 10	521	Farm.....	Hay loader.....	Crown Machine Co.....	29 00
... 10	522	Farm.....	Lumber.....	Village Mills Co.....	122 64
... 10	523	Farm.....	Harness.....	W. W. Hamday.....	7 25
... 10	524	Mechanical department.....	Cement.....	D. Crowley.....	6 89
... 10	525	Maintenance.....	Groceries.....	Kellum & Rotan.....	228 85
... 12	526	Farm.....	Seed.....	W. D. Cleveland.....	70
... 12	527	Mechanical department.....	Pipe.....	C. B. Lee & Co.....	10 76
... 12	528	Expense.....	Chairs.....	Scarritt Furniture Co.....	22 75
... 12	529	Maintenance.....	Wire ganze.....	J. S. Brown & Co.....	11 28
... 12	530	Farm.....	Freight.....	J. S. Brown & Co.....	4 75
... 12	531	Maintenance.....	Groceries.....	H. Kemole.....	54 23
... 12	532	Farm.....	Plows.....	H. Kemole.....	4 48
... 12	533	Farm.....	Student labor.....	H. C. Jackson.....	1 00
... 12	534	Farm.....	Student labor.....	W. L. Stricklin.....	1 00
... 12	535	Agricultural department.....	Lumber.....	Garth, Griffiths & Co.....	21 92
... 12	536	Mechanical department.....	Circular saw.....	Garth, Griffiths & Co.....	5 00
... 12	537	Maintenance.....	Meal.....	Garth, Griffiths & Co.....	39 40
... 12	538	Mechanical department.....	Pulleys.....	C. B. Lee & Co.....	31 84
... 12	539	Chemical department.....	Chemical supplies.....	Ermit & Amend.....	4 83
... 12	540	Bookstore.....	Text-books.....	D. Appleton.....	9 00
... 12	541	Farm.....	Student labor.....	J. Orxila.....	1 25
... 12	542	Farm.....	Labor.....	Jas. Cole.....	2 00
... 13	543	Farm.....	Student labor.....	E. C. Perry.....	1 00
... 20	544	Farm.....	Labor.....	E. Kellner.....	2 25
... 20	545	Maintenance.....	Groceries.....	H. Kemole.....	3 75
... 20	546	Farm.....	Student labor.....	F. E. Dudley.....	2 00
... 20	547	Farm.....	Student labor.....	C. A. Lyon.....	1 00
... 20	548	Farm.....	Student labor.....	J. W. Miles.....	1 00
... 20	549	Farm.....	Student labor.....	J. L. Maedgen.....	2 50
... 20	550	Farm.....	Student labor.....	C. Fechner.....	50
... 23	551	Farm.....	Student labor.....	H. G. Carter.....	50
... 23	552	Farm.....	Student labor.....	E. T. Overand.....	50
... 23	553	Farm.....	Student labor.....	S. Hough.....	50
... 23	554	Farm.....	Student labor.....	R. R. Roff.....	50
... 23	555	Expense.....	Salary.....	R. F. Smith.....	75 00
... 25	556	Repairs.....	Building sink.....	J. H. Snber.....	12 00
... 25	557	Farm.....	Hardwars.....	W. Koppe.....	58
... 25	558	Mechanical department.....	Smokestack.....	W. Koppe.....	15 86
... 25	559	Maintenance.....	Groceries.....	W. Koppe.....	98 75
... 25	560	Maintenance.....	Groceries.....	W. D. Cleveland.....	16 40
... 25	561	Agricultural department.....	Harrow.....	L. M. Rumsey M'Pg Co.....	2 00
... 25	562	Expense.....	Advertising.....	T. P. Maddox.....	5 00
... 25	563	Farm.....	Blacksmith.....	T. P. Wooten.....	3 10
... 25	564	Maintenance.....	Blacksmith.....	T. P. Wooten.....	2 25
... 25	565	Farm.....	Mower section.....	L. T. Fuller.....	6 95
... 25	566	Expense.....	Commencement prog'm's.....	J. J. Pastoriza.....	10 75
... 25	567	Maintenance.....	Groceries.....	W. D. Cleveland.....	3 50
... 25	568	Farm.....	Nails.....	H. Kemole.....	5 90
... 25	569	Starr Nelson.....	Refunded.....	Starr Nelson.....	4 00
... 25	570	Farm.....	Doors.....	Fulkerson & Lawrence.....	10 40
... 25	571	Farm.....	Student labor.....	F. Carothers.....	6 00
... 25	572	Maintenance.....	Groceries.....	H. Kemole.....	61 93
... 25	573	Medical attendance.....	Surgeon.....	J. D. Read.....	75 00
... 25	574	Expense.....	Postage.....	S. Hoffman.....	18 50
... 25	575	Farm.....	Express.....	S. Hoffman.....	6 60
... 26	576	Farm.....	Blacksmith.....	T. P. Wooten.....	6 50
... 26	577	Farm.....	Student labor.....	T. B. West.....	1 00
... 26	578	Repairs.....	Paint.....	G. W. Norrell.....	19 02
... 26	579	Expense.....	Stationery.....	G. W. Norrell.....	14 35
... 26	580	Farm.....	Lard oil.....	G. W. Norrell.....	2 75

EXHIBIT A—*continued.*

SERIES OF 1884-85.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount.
1885.					
May 26	581	Mechanical department.	Oils .....	G. W. Norrell.....	\$13 70
.. 26	582	Deposit for damages.....	Refunded.....	Sundry students.....	391 80
... 26	583	Farm.....	Work on hay carriers....	H. P. Stacey.....	42 50
... 26	584	Farm.....	Laborers.....	W. P. Hardeman.....	70 00
... 27	585	Maintenance.....	Supplies.....	B. Shisa.....	407 96
... 27	586	Maintenance.....	Salary, steward.....	B. Shisa.....	150 00
... 27	587	Maintenance.....	Laundry.....	A. Hill.....	105 35
... 27	588	Maintenance.....	Beef.....	W. C. Boyett.....	104 69
... 27	589	Maintenance.....	Ice.....	Bryan Ice Co.....	13 08
... 27	590	Maintenance.....	Whitewashing .....	O. Lacatoure.....	11 00
... 27	591	Expense.....	Drummer and janitor.....	H. H. Dinwiddie.....	63 00
... 27	592	Farm.....	Hardware.....	J. S. Brown & Co.....	3 11
... 27	593	Agricultural department.	Labor .....	Geo. Rahe.....	23 30

## EXHIBIT A—continued.

SERIES OF 1885-86.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount.
1885.					
June 11	1	Maintenance.....	Beef.....	W. C. Boyett.....	\$30 41
... 15	2	Farm.....	Work on fence.....	J. H. Suber.....	17 40
... 15	3	Farm.....	Labor.....	H. Bowzer.....	12 75
... 19	4	Mechanical department..	Tin roof.....	Cole Bros.....	196 64
... 24	5	Expense.....	Traveling expenses.....	L. L. McInnis, Sec. Bd..	12 35
... 24	6	Mechanical department..	Brick mason.....	F. Polsfoot.....	3 00
... 24	7	Maintenance.....	Laundry.....	F. Flack.....	8 40
... 24	8	Printing.....	Circulars.....	W. R. Cavitt.....	5 00
... 24	9	Farm.....	Labor.....	D. Calvin.....	50
... 24	10	Agricultural department.	Labor.....	G. D. Rahl.....	4 80
... 24	11	Farm.....	Student labor.....	W. P. Hardeman.....	4 00
... 24	12	Expense.....	Expenses.....	J. R. Darnell.....	21 10
... 27	13	Farm.....	Labor.....	H. Bowzer.....	3 75
... 27	14	Farm.....	Labor.....	W. Whiting.....	13 50
... 27	15	Farm.....	Labor.....	J. Riggs.....	13 50
... 27	16	Farm.....	Labor.....	B. Fewell.....	11 50
... 27	17	Repairs.....	Carpenter.....	E. A. Lundenburg.....	20 00
... 27	18	Farm.....	Labor.....	J. McGehee.....	50
... 27	19	Farm.....	Labor.....	T. J. Stanley.....	10 80
... 30	20	Farm.....	Labor.....	F. Zwillbach.....	10 00
July 1	21	Maintenance.....	Groceries.....	S. Hoffman.....	15 10
... 1	22	Expense.....	Postage.....	S. Hoffman.....	32 50
... 1	23	Maintenance.....	Janitor.....	A. Zdrazil.....	23 00
... 1	24	Repairs.....	Carpenter.....	E. A. Lundenburg.....	10 00
... 6	25	Maintenance.....	Employes' mess hall.....	B. Shisa.....	45 67
... 6	26	Maintenance.....	Beef.....	Foreman & Franklin.....	8 00
... 6	27	Maintenance.....	Ice.....	Bryan Ice Company.....	12 73
... 6	28	Farm.....	Plow points.....	B. F. Avery & Co.....	7 73
... 6	29	Farm.....	Labor.....	B. Shisa.....	40
... 11	30	Maintenance.....	Wood.....	J. H. Suber.....	40 00
... 11	31	Repairs.....	Oven.....	F. Polsfoot.....	6 00
... 11	31 <sup>1</sup>	Repairs.....	Plasteror.....	G. Guesson.....	25 00
... 11	32	Repairs.....	Brick mason.....	F. Polsfoot.....	16 80
... 18	32 <sup>2</sup>	Repairs.....	Plasterer.....	F. Gaul.....	25 00
... 18	33	Repairs.....	Labor.....	T. J. Stanley.....	6 00
... 18	33 <sup>3</sup>	Maintenance.....	Wood.....	J. H. Suber.....	27 20
... 18	34	Repairs.....	Carpenter.....	C. A. Lundenberg.....	24 00
... 18	35	Repairs.....	Painter.....	W. A. Dodson.....	23 00
... 18	36	Repairs.....	Carpenter.....	W. G. Ingleham.....	10 00
... 18	37	Farm.....	Labor.....	J. Riggs.....	10 50
... 18	38	Maintenance.....	Wood.....	J. H. Suber.....	32 00
... 18	39	Farm.....	Labor.....	George Kane.....	3 60
... 25	40	Repairs.....	Labor.....	W. Hudson.....	3 35
... 25	41	Repairs.....	Labor.....	W. J. Ingraham.....	15 00
... 25	42	Repairs.....	Labor.....	J. Riggs.....	4 00
... 25	43	Repairs.....	Painter.....	W. A. Dodson.....	12 00
... 25	44	Farm.....	Labor.....	J. James.....	3 60
... 25	45	Repairs.....	Cement.....	D. Crowley.....	41 18
... 29	46	Farm.....	Seed.....	Plant Seed Company.....	4 45
... 29	47	Gas machine.....	Telegram.....	R. H. Whitlock.....	1 00
... 29	48	Printing.....	Catalogues.....	J. J. Pastoriza.....	136 65
... 29	49	Repairs.....	Labor.....	W. Hudson.....	2 50
... 29	50	Agricultural department.	Labor.....	J. Crews.....	30 00
... 29	51	Maintenance.....	Groceries.....	S. Hoffman.....	14 76
Aug. 1	52	Farm.....	Express.....	S. Hoffman.....	4 58
... 1	53	Repairs.....	Labor.....	H. Bowzer.....	24 00
... 1	54	Repairs.....	Carpenter.....	W. G. Ingraham.....	15 00
... 1	55	Repairs.....	Labor.....	J. Riggs.....	6 00
... 1	56	Repairs.....	Painter.....	W. A. Dodson.....	12 00
... 1	57	Maintenance.....	Wood.....	J. H. Suber.....	30 40
... 1	58	Farm.....	Labor.....	W. Gray.....	5 00
... 3	59	Farm.....	Labor.....	T. Stokley.....	50
... 3	60	Repairs.....	Brick mason.....	F. Polsfoot.....	4 50
... 7	61	Maintenance.....	Janitor.....	A. Zdrazil.....	20 00
... 8	62	Agricultural department.	Forage.....	G. H. Randle & Co.....	9 55
... 8	63	Farm.....	Mower sections.....	L. T. Fuller.....	11 50
... 8	64	Repairs.....	Lumber.....	Fulkerson & Lawrence.....	15 75
... 8	65	Repairs.....	Labor.....	M. Wickersheimer.....	2 00
... 8	66	Farm.....	Blacksmith.....	T. P. Wooten.....	6 85
... 8	67	Maintenance.....	Boiler.....	J. S. Brown Hardw. Co..	16 60

## EXHIBIT A—continued.

SERIES OF 1885-86.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount.
1885.					
Aug. 8	68	Repairs .....	Nails.....	J. S. Brown Hardw. Co.	\$21 95
... 8	69	Expense.....	Expenses of traveling....	A. J. Rose.....	18 65
... 8	70	Maintenance.....	Wood .....	J. H. Suber.....	24 00
... 8	71	Repairs .....	Carpenter .....	W. Hutson .....	3 50
... 8	72	Farm .....	Labor .....	G. Kane.....	2 50
... 8	73	Farm .....	Labor .....	G. Kane.....	3 50
... 8	74	Repairs .....	Painter .....	W. A. Dodson.....	12 00
... 8	75	Repairs .....	Carpenter .....	W. G. Ingraham.....	15 00
... 8	76	Repairs .....	Labor .....	J. Riggs.....	6 00
... 8	77	Repairs .....	Plasterer .....	W. Gesson.....	50 00
... 8	78	Repairs .....	Plasterer .....	F. Gene.....	50 00
... 8	79	Repairs .....	Paints.....	G. W. Norrell.....	51 62
... 8	80	Expense.....	Trip to Washington.....	H. H. Dinwiddie.....	124 22
... 15	81	Farm .....	Labor .....	W. Gray.....	5 00
... 15	82	Sinks .....	Carpenter .....	G. W. Jenkins.....	12 50
... 15	83	Sinks .....	Labor .....	J. Riggs.....	5 50
... 15	84	Maintenance.....	Wood .....	J. H. Suber.....	38 40
... 15	85	Repairs .....	Carpenter .....	W. Hudson.....	3 00
... 15	86	Repairs .....	Plasterer .....	G. Gessen.....	15 00
... 15	87	Repairs .....	Plasterer .....	F. Gene.....	15 00
... 15	88	Farm .....	Labor .....	T. Cavitt.....	3 00
... 17	89	Repairs .....	Labor .....	H. Foster.....	50
... 18	90	Repairs .....	Labor .....	W. Hudson.....	50
... 20	91	Repairs .....	Plasterer .....	F. Geussed.....	8 75
... 20	92	Repairs .....	Plasterer .....	F. Gene.....	8 75
... 22	93	Farm .....	Labor .....	J. H. Suber.....	7 50
... 22	94	Farm .....	Labor .....	H. Foster.....	1 00
... 22	95	Maintenance.....	Wood .....	J. H. Suber.....	24 00
... 22	96	Maintenance.....	Cook .....	W. Dozier.....	20 00
... 22	97	Maintenance.....	Waiter .....	A. De Los Rios.....	20 00
... 22	98	Farm .....	Labor .....	C. Foster .....	2 00
... 27	99	Expense.....	Att'd'g m't'g state grange	L. L. McInnis.....	15 05
... 27	100	Expense.....	Traveling expenses.....	L. L. McInnis, Sec. B'd..	17 20
... 28	101	Farm .....	Seed .....	Jno. Walker.....	3 25
... 28	102	Farm .....	Seed .....	L. Mendola.....	75
... 29	103	Farm .....	Labor .....	T. Cavitt.....	12 00
... 29	104	Mechanical department..	Wood .....	J. H. Suber.....	30 40
... 29	105	Farm .....	Labor .....	W. Gray.....	7 00
Sept. 3	106	Maintenance.....	Labor .....	R. Finlay.....	1 00
... 3	107	Expense.....	Telephone poles.....	J. W. Doremus.....	10 50
... 3	108	Maintenance .....	Table cloths.....	D. Dawziger.....	65 74
... 4	109	Repairs .....	Painter .....	W. B. Page.....	9 35
... 4	110	Maintenance .....	Groceries .....	S. Hoffman.....	14 42
... 4	111	Farm .....	Labor .....	S. Hoffman.....	10 00
... 4	112	Expense.....	Express .....	S. Hoffman.....	2 32
... 4	113	Bookstore .....	Express .....	S. Hoffman.....	6 10
... 4	114	Farm .....	Labor .....	G. Kane.....	12 00
... 5	115	Agricultural department	Labor .....	J. Crews.....	15 00
... 7	116	Mechanical department..	Painters.....	Muck & Page.....	57 49
... 7	117	Maintenance .....	Plating silverware.....	Wm. Slater.....	21 25
... 10	118	Farm .....	Barbed wire.....	Houston Lumber Co....	66 90
... 10	119	Sinks .....	Labor .....	Bob Webster.....	3 00
... 10	120	Maintenance .....	Groceries .....	H. Kemole.....	103 62
... 10	121	Maintenance .....	Beef .....	Foreman & Franklin...	16 00
... 10	122	Maintenance .....	Groceries .....	W. D. Cleveland.....	682 95
... 10	123	Maintenance .....	Nails.....	W. Koppe.....	3 30
... 10	124	Mechanical department..	Files .....	W. Koppe.....	3 70
... 11	125	Sinks .....	Sheet zinc.....	J. S. Brown Hardw. Co.	21 00
... 11	126	Maintenance .....	Bedding.....	Webb Bros.....	6 60
... 11	127	Farm .....	Forage .....	Coffman & Scott.....	275 90
... 11	128	Sinks .....	Wooden cistern.....	Houston Bar'l & Cist. Co	31 75
... 11	129	Repairs .....	Cement .....	D. Crowley.....	19 65
... 11	130	Farm .....	Lumber .....	Tex. Tram. & Lum. Co.	113 06
... 11	131	Farm .....	Repairs, mower.....	L. T. Fuller.....	2 90
... 11	132	Maintenance .....	Castings for bedsteads...	Smith, Davis M't'g. Co.	14 20
... 11	133	Sinks .....	Pipes .....	Ripley & Kimball.....	17 49
... 11	134	Expense.....	Blanks .....	W. Young.....	5 50
... 11	135	Chemical department.....	Chemical supplies.....	Eimer & Amend.....	4 86
... 11	136	Expense.....	Interest .....	J. S. Fawkes & Co.....	26 63
... 11	137	Expense.....	Interest .....	J. S. Fawkes & Co.....	11 02



## EXHIBIT A—continued.

SERIES OF 1885-86.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount.
1885.					
Sept. 11	138	Printing and advertising.	Agricultural Bulletin....	J. J. Pastoriza.....	\$37 30
... 11	139	Maintenance .....	Meal.....	S. Levi.....	90
... 11	140	Maintenance .....	Janitor.....	A. Zdrszil .....	25 00
... 11	141	Printing and advertising.	Advertising .....	W. A. Shaw & Co.....	30 75
... 11	142	Printing and advertising.	Advertising .....	Holland & Knox.....	7 20
... 11	143	Maintenance .....	Buckets and basins.....	J. S. Brown H'dware Co.	11 75
... 11	144	Chemical department....	Goniometer.....	J. W. Queen & Co.....	121 24
... 11	145	Farm .....	Blacksmith.....	J. P. Wooten.....	5 00
... 11	146	Printing and advertising.	Advertising .....	Texas Post.....	10 00
... 11	147	Bookstore.....	Text books .....	H. C. Baird & Co.....	11 88
... 11	148	Bookstore.....	Text books .....	Ginn & Co.....	56 34
... 11	149	Printing and advertising.	Advertisement.....	Express Printing Co....	15 00
... 11	150	Printing and advertising.	Advertisement.....	Houston Post.....	15 00
... 11	151	Maintenance.....	Groceries .....	Kellum & Rotan.....	32 03
... 11	152	Maintenance.....	Crockery .....	J. F. Dumble.....	94 45
... 12	153	Maintenance.....	Supplies.....	B. Sbisa .....	33 58
... 12	154	Maintenance.....	Supplies.....	B. Sbisa .....	125 95
... 12	155	Maintenance.....	Wood .....	J. H. Suber.....	64 00
... 12	156	Farm.....	Labor .....	W. Gray.....	3 00
... 12	197	Mechanical department..	Valves and faucets....	W. Koppe .....	3 65
... 12	158	Salaries.....	Foreman shop .....	A. Harbers.....	150 00
... 15	159	Sinks .....	Carpenter .....	J. McLain.....	15 00
... 15	160	Farm.....	Labor .....	W. Gray.....	7 50
... 15	161	Agricultural department.	Labor .....	J. Cruse.....	7 50
... 15	162	Repairs.....	Painter .....	W. A. Dodson.....	61 00
... 19	163	Repairs.....	Painter .....	W. A. Dodson.....	5 00
... 19	164	Bookstore .....	Text Books .....	T. Moroney.....	23 00
... 19	165	Farm .....	Labor .....	H. Nickerson.....	15 00
... 19	166	Maintenance.....	Beef .....	Foreman & Franklin...	27 70
... 19	167	Maintenance .....	Crockery .....	J. F. Dumble .....	47 23
... 19	168	Maintenance .....	Chairs .....	Scarritt Furniture Co..	29 25
... 19	169	Farm .....	Labor .....	Geo. Kane.....	5 00
... 19	170	Maintenance .....	Wood .....	J. H. Suber.....	32 00
... 19	171	Bookstore .....	Text books .....	Ginn & Co.....	71 40
... 19	172	Bookstore .....	Text books .....	S. C. Griggs & Co.....	48 00
... 19	173	Sinks .....	Carpenter .....	J. Machin .....	30 00
... 19	174	Removal of barracks....	Carpenter .....	J. Machin .....	12 50
... 19	175	Bookstore .....	Text books .....	Iverson, B. T. & Co....	74 09
... 19	176	Bookstore .....	Text books .....	O. Judd & Co.....	23 79
... 19	177	Bookstore .....	Text books .....	O. L. Musselman.....	9 16
... 19	178	Bookstore .....	Text books .....	S. S. Nichols.....	15 36
... 19	179	Expense .....	Box rent .....	Bryan, P. O .....	1 00
... 19	180	Maintenance .....	Mattresses.....	Lottman Bros.....	76 15
... 19	181	S. A. Lang .....	Refunded .....	S. A. Lang.....	40 00
... 19	182	E. A. Fletcher .....	Refunded .....	E. A. Fletcher.....	40 00
... 19	183	D. N. Ragsdale .....	Refunded .....	D. N. Ragsdale .....	38 50
... 19	184	R. J. Keith .....	Refunded .....	R. J. Keith .....	30 00
... 19	185	Farm .....	Labor .....	H. Foster.....	1 75
... 19	186	Expense .....	Attorney's fee .....	W. R. Cavitt .....	15 00
Oct. 1	187	Maintenance .....	Beef .....	W. C. Boyett .....	222 28
... 1	188	Maintenance .....	Milk .....	Mrs. F. Boyett.....	39 00
... 1	189	Medical attendance .....	J. D. Read .....	J. D. Read.....	75 00
... 1	190	Maintenance .....	Supplies.....	B. Sbisa .....	405 18
... 1	191	Maintenance .....	Salary, steward.....	B. Sbisa .....	150 00
... 1	192	Maintenance .....	Drummer .....	J. R. Fisk .....	20 00
... 1	193	Maintenance .....	Amount charged it....	P. V. Normal school...	60
... 1	194	Maintenance .....	Groceries.....	W. D. Cleveland.....	308 85
... 3	195	Bookstore .....	Text books.....	J. Wilby & Sons.....	19 14
... 3	196	Bookstore .....	Text books.....	D. C. Heath & Co.....	45 90
... 3	197	Bookstore .....	Text books.....	D. Appleton & Co.....	22 10
... 3	198	Bookstore .....	Text books.....	Ginn & Co.....	19 44
... 3	199	Salaries .....	Instructor .....	S. Mallory.....	25 00
... 3	200	Chemical department .....	Express .....	S. Hoffman.....	1 85
... 3	201	Printing and advertising.	Warrant book .....	M. Strickland.....	11 00
... 3	202	Maintenance .....	Chairs .....	F. Jllig.....	24 00
... 3	203	Bookstore .....	Express .....	S. Hoffman.....	9 50
... 3	204	Farm .....	Express .....	S. Hoffman.....	90
... 3	205	Maintenance .....	Pump and lades.....	J. S. Brown H'dware Co.	12 43
... 3	206	Chemical department .....	Freight .....	J. S. Brown H'dware Co.	1 22
... 3	207	Farm .....	Seed .....	Plant Seed Co.....	46 36

## EXHIBIT A—continued.

SERIES OF 1885-86.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount
1885.					
Oct'r 3	208	Bookstore .....	Text-books .....	University Pub. Co.....	\$5 40
... 3	209	Chemical department .....	Apparatus .....	Rimer & Amend.....	56 59
... 3	210	Farm .....	Lap rings and links .....	J. S. Brown Hardw. Co.	1 78
... 3	211	Maintenance .....	Eupion oil.....	Waters Pierce Oil Co...	9 00
... 3	212	Sinks .....	Labor .....	Tom Cavitt.....	15 00
... 3	213	Salaries .....	Foreman shops .....	A. Harbers.....	60 00
... 3	214	Maintenance .....	Wood.....	J. H. Suber.....	36 00
... 3	215	Salaries .....	Assistant Math .....	R. F. Smith.....	75 00
... 3	216	Maintenance .....	Janitor .....	C. Siebert.....	20 00
... 3	217	Mechanical department..	Lumber .....	Fulkerson & Lawrence	11 55
... 3	218	Repairs .....	Lumber .....	Fulkerson & Lawrence	8 45
... 3	219	Maintenance .....	Janitor .....	A. Zdrazil .....	25 00
... 3	220	Mechanical department.	Castings.....	C. B. Lee & Co.....	47 41
... 3	221	Bookstore .....	Express .....	R. H. Whitlock.....	1 41
... 3	222	Maintenance .....	Laundry .....	Maria Adam.....	56 35
... 3	223	Expense.....	Telegrams .....	H. Kemole .....	65
... 7	224	Mechanical department..	Freight .....	H. Kemole .....	1 50
... 7	225	Maintenance .....	Groceries .....	H. Kemole .....	87 10
... 7	226	Maintenance .....	Laundry .....	D. Humpherys.....	66 85
... 7	227	Maintenance .....	Tinware .....	W. Koppe .....	7 95
... 7	228	Repairs .....	Matting .....	Webb Bros .....	15 00
... 7	229	Maintenance .....	Advertising .....	Brazos Pilot .....	1 50
... 7	230	Expense.....	Stationery .....	G. W. Norrell .....	11 35
... 7	231	Maintenance .....	Lamps .....	G. W. Norrell .....	5 55
... 7	232	Mechanical department.	Lard oil, etc .....	G. W. Norrell .....	7 25
... 7	233	Repairs .....	Paints .....	G. W. Norrell .....	28 18
... 7	234	Mechanical department..	Tools for shops.....	F. Van Winkle .....	142 03
... 7	235	Mechanical department..	Sheet-iron .....	W. Koppe .....	50
... 7	236	Farm .....	Student labor .....	J. Green .....	4 00
... 7	237	Farm .....	Student labor .....	D. Adriance .....	4 50
... 7	238	Expense.....	Box rent .....	Bryan P. O .....	1 00
... 7	239	Maintenance .....	Freight on chairs ..	F. Jilg .....	1 20
... 7	240	Printing and advertising	Blanks .....	Brazos Pilot.....	3 00
... 7	241	Mechanical department..	Level .....	J. S. Brown Hardw. Co	3 05
... 7	242	Maintenance .....	Ice .....	Bryan Ice Co .....	43 84
... 7	243	Farm .....	Student labor .....	L. D. Amsler .....	4 00
... 17	244	Mechanical department..	Steam pipe covering ..	Shields & Brown .....	14 83
... 17	245	Printing and advertising	Advertising .....	Fort Worth Gazette....	8 75
... 17	246	Bookstore .....	Text-books .....	Ginn & Co.....	4 41
... 17	247	Library .....	Papers and periodicals...	Knickerbocker Sub. A.	88 10
... 17	248	Bookstore .....	Text-books .....	H. C. Baird & Co.....	11 85
... 17	249	W. J. Labauve.....	Refunded.....	W. J. Labauve.....	25 00
... 17	250	{ Maintenance .....	Carpenter .....	J. Machin .....	35 00
... 17	251	{ Removing Barracks.....	Carpenter .....	J. Machin .....	10 00
... 17	252	Farm .....	Labor .....	G. Kane.....	10 00
... 17	253	Salaries .....	Assistant Math .....	R. F. Smith .....	75 00
... 24	254	Maintenance .....	Wood .....	J. H. Suber.....	22 40
... 24	254	Farm .....	Labor .....	G. Kane.....	7 50
... 27	255	Agricultural conventions	His expenses .....	H. H. Dinwiddie.....	25 25
... 27	256	Sinks .....	Labor .....	Tom Cavitt.....	17 00
... 27	257	Library .....	Assistant librarian.....	H. L. Wright.....	12 50
... 27	258	Maintenance .....	Drummer .....	J. R. Fisk.....	20 00
... 27	259	Farm .....	Labor .....	H. Nickerson .....	20 00
... 27	260	Expense .....	Witness fee .....	J. E. Smith .....	1 00
... 27	261	Library .....	Books .....	H. H. Dinwiddie.....	18 26
... 27	262	Maintenance .....	Janitor.....	A. Zdrazil .....	25 00
... 27	263	Maintenance .....	Janitor.....	C. Siebert.....	20 00
... 27	264	{ Gas machine.....	Express .....	S. Hoffman .....	2 95
... 27	264	{ Farm .....	Express .....	S. Hoffman .....	4 55
... 27	264	{ Maintenance .....	Express .....	S. Hoffman .....	2 40
... 27	264	{ Mechanical department	Express .....	S. Hoffman .....	60
... 27	265	Mechanical department..	Lathe .....	Pond Mach. Tool Co ...	302 25
... 27	266	Bookstore .....	Express .....	S. Hoffman .....	5 65
... 27	267	Farm .....	Blankets .....	T. R. Franklin.....	12 00
... 27	268	Bookstore .....	Text-books .....	G. C. Heath & Co.....	10 80
... 27	269	Maintenance .....	Groceries .....	W. D. Cleveland .....	30 43
... 27	270	Printing and advertising	Traveling expenses ..	H. H. Dinwiddie.....	11 70
... 27	271	Library .....	Books .....	J. B. Aldin .....	59 72
... 27	272	{ Farm .....	Forage .....	H. Schunmacher.....	23 20
... 27	272	{ Agricultural departm't..	Forage .....	H. Schunmacher.....	23 20

## EXHIBIT A—continued.

SERIES OF 1885-86.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount.
1885.					
Oct'r 27	273	Bookstore .....	Text books.....	D. Appleton & Co.....	\$45 36
... 27	274	Farm .....	Plow beam.....	L. T. Fuller .....	1 90
... 27	275	Maintenance .....	Zinc and sash cord.....	J. S. Brown Hard. Co..	15 87
... 27	276	Maintenance .....	Stove pipe.....	M. P. Hennessey. ....	8 75
... 27	277	Mechanical department.	Pipe .....	Matthews & Holt .....	13 98
... 27	278	Maintenance .....	Steward .....	B. Sbisn .....	150 00
... 27	279	Salaries .....	Agent of Board .....	W. P. Hardeman .....	181 50
... 27	280	Salaries .....	Foreman shops .....	A. Harbers .....	60 00
... 27	281	Maintenance .....	Gasoline .....	Waters Pierce Oil Co..	172 05
... 27	282	Salaries .....	Instructor.....	J. S. Mallory .....	25 00
... 28	283	Mechanical department..	Bar-iron .....	J. S. Brown Hard. Co..	44 96
... 28	284	Gas machine.....	Argand burners .....	Ripley & Kimball.....	34 95
... 28	285	Chemical department.....	Pipe .....	Matthews & Holt.....	4 52
... 28	286	Library .....	Books .....	J. B. Alden.....	2 44
... 29	287	Agricultural department	Hinges, bolts, etc.....	J. S. Brown Hard. Co..	28 30
... 29	288	Agricultural department	Student labor .....	D. Adriance .....	8 00
... 29	289	Farm .....	Student labor .....	T. B. West.....	3 00
... 30	290	Farm .....	Justice fee.....	T. Rowan .....	9 00
... 30	291	Maintenance .....	Carpenter .....	J. M. Morgan.....	15 00
... 30	292	Repairs .....	Mattresses .....	Lottman Bros.....	25 50
... 30	293	Agricultural department	Student labor .....	J. W. Carson .....	13 90
... 30	294	Mechanical d partment..	Poplar lumber.....	George Pfeuffer .....	8 98
... 30	295	Agricultural department	Student labor .....	S. F. Chapman.....	1 07
... 30	296	Gas machine.....	Gas plant.....	Matthews & Holt .....	1,000 00
... 30	297	Gas machine.....	Gas plant .....	Matthews & Holt .....	500 00
... 30	298	Chemical department.....	Apparatus .....	Eirner & Amend.....	80 01
... 30	299	Medical attendance.....	Surgeon .....	J. D. Read .....	80 00
... 30	300	Expense .....	Traveling expenses .....	L. L. McInnis, Sec. Bd	9 28
... 30	301	Maintenance .....	Supplies.....	B. Sbisn .....	433 69
Nov'r 3	302	Maintenance .....	Wood .....	J. H. Snber.....	44 80
... 3	303	Mechanical department..	Hauling .....	J. H. Suber .....	2 20
... 9	304	Agricultural department	Lumber .....	Tex. Train and Lum.Co	173 50
... 9	305	Improvement of campus..	Lumber for culverts .....	Tex. Train and Lum.Co	46 79
... 9	306	Maintenance .....	Laundry .....	Houston S. Laundry ...	219 95
... 9	307	Agricultural department	Cement .....	D. Crowley .....	3 35
... 9	308	Maintenance .....	Shingles.....	Fulkerson & Lawrence	8 75
... 9	309	Mechanical department..	Lumber .....	Fulkerson & Lawrence	12 00
... 9	310	Maintenance .....	Wardrobe hooks.....	J. S. Brown Hardw. Co	3 10
... 9	311	Maintenance .....	Ventilator.....	M. Bonneville .....	4 50
... 9	312	Chemical department.....	Slop jars.....	J. F. Dumble .....	7 23
... 9	313	Maintenance .....	Groceries.....	W. D. Cleveland.....	195 62
... 9	314	Farm .....	Fencing .....	J. S. Brown Hardw. Co	5 01
... 9	315	Farm .....	Mower .....	Rawson Man'f'g Co....	49 55
... 11	316	E. Nalte.....	Refunded.....	E. Nalte .....	5 50
... 11	317	Farm .....	Labor .....	Geo. Kane.....	5 50
... 12	318	Farm .....	Carpenter .....	J. Machin .....	8 75
... 12	319	Removal of barracks.....	Carpenter .....	J. Machin .....	6 25
... 12	320	Maintenance .....	Carpenter .....	J. Machin .....	12 50
... 12	321	Repairs .....	Carpenter .....	J. Machin .....	27 50
... 14	322	H. A. Stacy .....	Refunded.....	H. A. Stacy .....	4 60
... 14	323	H. J. Labanols .....	Refunded.....	H. J. Labanols .....	16 05
... 14	324	H. R. Chaddick.....	Refunded.....	H. R. Chaddick.....	5 00
... 14	325	H. A. McCulloch.....	Refunded.....	H. A. McCulloch.....	5 05
... 14	326	J. D. Strain .....	Refunded.....	J. D. Strain .....	5 00
... 14	327	Bookstore .....	Text-books .....	MacMillan & Co .....	14 35
... 16	328	Bookstore .....	Express .....	B. Sbisn .....	2 50
... 16	329	Bookstore .....	Text books .....	Sheldon & Co .....	25 50
... 16	330	Maintenance .....	Pipes .....	Ripley & Kimball .....	47 58
... 16	331	Bookstore .....	Text-books .....	Ginn & Co.....	27 35
... 16	332	Chemical department.....	Apparatus .....	Emil Grimes.....	52 35
... 16	333	Maintenance .....	Groceries .....	Albert, Lang & W .....	18 65
... 16	334	Bookstore .....	Text-books .....	Eldridge & Bro .....	2 45
... 16	335	Farm .....	Oils .....	G. W. Norrell.....	2 00
... 16	336	Repairs .....	Paints.....	G. W. Norrell.....	2 50
... 16	337	Maintenance .....	Glass, etc.....	G. W. Norrell.....	13 60
... 16	338	Expense .....	Letter book.....	G. W. Norrell.....	2 25
... 16	339	C. W. Johnson.....	Refunded.....	C. W. Johnson .....	4 75
... 16	340	Improvement of campus..	Making plans.....	Chas. Meyer.....	20 00
... 16	341	Maintenance .....	Beef .....	W. C. Boyett.....	307 31
... 20	342	C. J. Guyton .....	Refunded.....	C. Guyton .....	5 00



## EXHIBIT A—continued.

SERIES OF 1885-86.

Date.	Warrant No.	To what account charged	For what expended.	To whom paid.	Amount.
1885.					
Nov. 20	343	Maintenance .....	Pork.....	Jas. Cooper. ....	\$35 90
... 21	344	Mechanical department ..	Beiting .....	J. S. Brown Hard. Co..	19 20
... 21	345	Repairs .....	Fire sets .....	J. S. Brown Hard. Co..	9 41
... 21	346	Maintenance .....	Freight .....	J. S. Brown Hard. Co..	65 91
... 21	347	Maintenance .....	Brass cup .....	J. S. Brown Hard. Co..	2 98
... 21	348	Sinks .....	Hoop-iron .....	T. P. Wooten.....	2 60
... 21	348 <sup>1</sup>	Maintenance .....	Making cart.....	T. P. Wooten.....	10 00
... 21	349	Farm .....	Plow points .....	J. F. Mayer .....	1 75
... 21	350	Maintenance .....	Gas chimneys .....	Ripley & Kimball .....	5 05
... 21	351	Maintenance .....	Meal .....	Coffman & Scott .....	13 65
... 21	352	Bookstore .....	Text-books.....	J. B. Lippincott & Co..	8 28
... 21	353	Maintenance .....	Groceries.....	W. D. Cleveland.....	26 20
... 21	354	Mechanical department ..	Poplar lumber.....	Geo. Pfueffer.....	13 50
... 21	355	Mechanical department ..	Files .....	Nicholson File Co.....	17 31
... 21	356	Chemical department .....	Apparatus.....	Emil Geiner.....	13 65
... 21	357	F. Putman .....	Refunded .....	F. Putman .....	40 00
... 21	358	Chemical department .....	Platinum wire.....	J. W. Queen & Co....	3 39
... 21	359	Bookstore .....	Text-books.....	Ginn & Co .....	93 24
... 21	360	Maintenance .....	Carpenter .....	John Morgan.....	10 00
... 21	361	Library .....	Books .....	Janson, McClurg & Co..	234 33
... 21	362	Maintenance .....	Wood .....	J. H. Suber.....	41 60
... 21	363	Farm .....	Labor .....	Jos. Baker.....	15 00
... 21	364	Farm .....	Labor .....	L. Orasco.....	13 00
... 30	365	Farm .....	Labor .....	Peter Gonzales.....	14 38
... 30	366	Maintenance .....	Laundry .....	Honston Steam Laun'y	133 35
... 30	367	Expense .....	Repairing telephone .....	C. P. Goodson.....	14 00
... 30	368	Agricultural department.	Forge .....	H. S. humacher .....	46 40
... 30	369	Mechanical department ..	Valves, pipes, etc .....	Ripley & Kimball .....	14 02
... 30	370	Bookstore .....	Text-books.....	Univ. Pub. Co .....	4 38
... 30	371	Maintenance .....	Groceries .....	W. D. Cleveland.....	130 93
... 30	372	Maintenance .....	Faucets .....	J. S. Brown Hard. Co.,	4 25
... 30	373	Farm .....	Forge .....	Coffman & Scott.....	161 42
... 30	374	Agricultural department.	Forge .....	Coffman & Scott.....	145 36
... 30	375	Repairs .....	Blankets .....	T. R. Franklin .....	16 00
... 30	376	J. J. McKeever.....	Refunded .....	J. J. McKeever .....	5 00
... 30	377	Maintenance .....	Groceries .....	Thurber, Whyland & Co	466 90
... 30	378	Farm .....	Labor .....	John Austin.....	22 50
Dec. 3	379	Sinks .....	Labor .....	Tom Cavitt.....	20 00
... 3	380	Farm .....	Labor .....	H. Nickerson .....	15 00
... 3	381	Medical attendance .....	Surgeon .....	J. D. Read .....	85 00
... 3	382	Expense .....	Postage .....	S. Hoffman.....	24 00
... 3	383	Bookstore .....	Express .....	S. Hoffman.....	17 31
... 3	384	Farm .....	Express .....	S. Hoffman.....	5 20
... 3	385	Chemical department .....	Express .....	S. Hoffman.....	2 50
... 3	386	Mechanical department ..	Express .....	S. Hoffman.....	30
... 3	387	Maintenance .....	Drummer .....	J. R. Fisk .....	20 00
... 3	388	Farm .....	Express .....	B. Sbsa.....	25
... 3	389	Maintenance .....	Supplies.....	B. Sbsa.....	452 33
... 3	390	Maintenance .....	Salary, steward .....	B. Sbsa.....	150 00
... 3	391	Maintenance .....	Beef.....	W. C. Boyett.....	291 14
... 3	392	Improvement of campus.	Making plans .....	Chas. Meyer.....	13 90
... 5	393	Agricultural department	Student labor .....	D. Adriance.....	16 70
... 5	394	M. L. Josey .....	Refunded .....	M. L. Josey .....	75
... 5	395	S. F. Chapman.....	Refunded .....	S. F. Chapman.....	3 30
... 5	396	Agricultural department	Herd book .....	S. Hoxie.....	2 00
... 5	397	Maintenance .....	Wood .....	J. H. Suber.....	40 00
... 5	398	Maintenance .....	Gasoline .....	Waters Pierce Oil Co..	214 03
... 5	399	Printing and advertising.	Advertising .....	C. H. Evans .....	2 00
... 8	400	Maintenance .....	Janitor .....	A. Zdrasil.....	25 00
... 8	401	Salaries .....	Instructor .....	Jno. S. Mallory .....	25 00
... 8	402	Chemical department .....	Express .....	H. H. Dinwiddie.....	4 02
... 8	403	Expense .....	Express .....	H. H. Dinwiddie.....	4 60
... 8	404	Mechanical department ..	Sheet-iron .....	C. B. Lee & Co .....	6 55
... 8	405	Mechanical department ..	Beltting .....	J. S. Brown Hard. Co..	15 54
... 10	406	Bookstore .....	Text-books.....	T. Moroney .....	9 47
... 10	407	Printing and advertising.	Blanks .....	Brazos Pilot .....	3 00
... 10	408	Maintenance .....	Janitor.....	C. Siebert.....	20 00
... 11	409	Chas. Knowles.....	Refunded .....	Chas. Knowles.....	21 85
... 14	410	Maintenance .....	Laundry .....	Houston Steam Laun'y	96 28
... 14	411	Salaries .....	Foreman shops .....	A. Harbers .....	60 00



## EXHIBIT A—Continued.

SERIES OF 1885—86.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount.
1885.					
Dec. 14	412	Mechanical department..	Starch.....	Buford & Hall.....	25
... 14	413	Improvement of campus	Hardware.....	J. S. Brown Hardw. Co	\$3 63
... 14	414	Expense.....	Crayons.....	Wilkins & McGuire....	2 00
... 14	415	Bookstore.....	Text books.....	B. K. Beeson.....	2 25
... 14	416	Mechanical department..	Castings.....	C. B. Lee & Co.....	9 35
... 14	417	Agricultural department	Student labor.....	D. Adriance.....	7 95
... 14	418	Salaries.....	Assistant mathematician.	R. F. Smith.....	75 00
... 14	419	Farm.....	Seed.....	W. Little.....	26 95
... 14	420	E. W. Gisen.....	Refunded.....	E. W. Gisen.....	19 25
... 18	421	L. L. Howell.....	Refunded.....	L. L. Howell.....	20 00
... 19	422	W. O. Cannon.....	Refunded.....	W. O. Cannon.....	19 90
... 19	423	Maintenance.....	Wood.....	J. H. Suber.....	61 60
... 22	424	C. A. Depuse.....	Refunded.....	C. A. Depuse.....	15 25
... 22	425	Agricultural department	Carpenter.....	J. Machin.....	96 70
... 22	426	Agricultural department	Carpenter.....	J. Machin.....	23 50
... 22	427	Library.....	Carpenter.....	J. Machin.....	15 00
... 24	428	Library.....	Carpenter.....	J. G. Pryedmajeski.....	5 00
... 24	429	Gas machine.....	Plasterer.....	O. L. Acatoine.....	9 00
... 24	430	Improvement of campus	Labor.....	J. H. Suber.....	10 75
... 24	431	Repairs.....	Labor.....	J. H. Suber.....	7 00
... 24	432	Farm.....	Labor.....	J. Booker.....	15 00
... 24	433	Mechanical department..	Labor.....	J. H. Suber.....	5 00
... 24	434	Farm.....	Labor.....	Jno. Austin.....	12 00
... 24	435	Sinks.....	Labor.....	Tom. Cavitt.....	16 00
... 24	436	J. O. Dyer.....	Refunded.....	J. O. Dyer.....	15 35
... 24	437	W. W. Wright.....	Refunded.....	W. W. Wright.....	2 00
... 24	438	Chemical department..	Table.....	W. Wipprecht.....	3 00
... 28	439	B. E. McCulloch.....	Refunded.....	B. E. McCulloch.....	17 23
... 28	440	Salaries.....	Foreman of shops.....	A. Harlars.....	51 00
... 31	441	Improvement of campus..	Paints.....	Jas. Bute.....	12 28
... 31	442	Agricultural department	Paints.....	Jas. Bute.....	15 57
... 31	443	Agricultural department	Lumber.....	Fulkerson & Lawrence	69 15
... 31	444	Chemical department.....	Lumber.....	Fulkerson & Lawrence	2 00
... 31	445	Farm.....	Implements.....	T. P. Wooten.....	4 00
... 31	446	Mechanical department..	Fittings.....	W. Koppe.....	40
... 31	447	Mechanical department..	Varnish and oils.....	G. W. Norrell.....	8 25
... 31	448	Mechanical department..	Tools.....	F. Van Winkle.....	1 77
... 31	449	Maintenance.....	Meal.....	Coffman & Scott.....	13 00
... 31	450	Maintenance.....	Groceries.....	W. D. Cleveland.....	27 80
... 31	451	Bookstore.....	Text books.....	S. C. Griggs & Co.....	1 00
... 31	452	Chemical department.....	Apparatus.....	J. W. Queen & Co.....	1 50
... 31	453	Mechanical department..	Lathes.....	Pond Machine Tool Co	184 50
... 31	454	Mechanical department..	Bar-iron.....	J. S. Brown Hardw. Co	6 83
... 31	455	Bookstore.....	Text books.....	J. Wiley & Sons.....	20 00
... 31	456	Mechanical department..	Oils.....	G. W. Norrell.....	5 84
... 31	457	Expense.....	Stationery.....	G. W. Norrell.....	4 70
... 31	458	Maintenance.....	Groceries.....	H. Kemole.....	315 05
... 31	459	Maintenance.....	Groceries.....	J. W. English.....	68 05
... 31	460	Mechanical department..	Student labor.....	S. F. Chapman.....	10 70
... 31	461	Mechanical department..	Labor.....	J. H. Suber.....	4 90
... 31	462	Maintenance.....	Laundry.....	Houston Steam Lndry	72 70
... 31	463	Maintenance.....	Drummer.....	J. R. Fisk.....	20 00
... 31	464	Medical attendance.....	Surgeon.....	J. D. Read.....	80 00
... 31	465	Bookstore.....	Express.....	S. Hoffman.....	1 80
... 31	466	Chemical department.....	Express.....	S. Hoffman.....	3 20
... 31	467	Maintenance.....	Express.....	S. Hoffman.....	3 95
... 31	468	Mechanical department..	Freight.....	Pond Machine Tool Co	15 63
... 31	469	Maintenance.....	Meal.....	Garth, Griffiths & Co...	2 60
... 31	470	Mathematical department..	Charts.....	Giun & Co.....	1 00
... 31	471	Mechanical department..	Saws.....	Simmons Hardw. Co...	16 95
... 31	472	Chemical department.....	Apparatus.....	J. W. Queen & Co.....	30 60
... 31	473	Maintenance.....	Supplies.....	B. Slusa.....	387 23
... 31	474	Maintenance.....	Groceries.....	W. D. Cleveland.....	158 01
... 31	475	Maintenance.....	Salary Steward.....	B. Slusa.....	150 00
... 31	476	Farm.....	Labor.....	Geo. Williams.....	12 00
1886.	477	Maintenance.....	Beef.....	W. C. Boyett.....	200 34
Jan. 4	478	Bookstore.....	Express.....	Pacific Express Co.....	2 75
... 4	479	Salaries.....	Assistant mathematics...	R. F. Smith.....	75 00
... 4	480	Mechanical department..	Washers.....	W. Koppe.....	15.
... 4	481	Mechanical department..	Bar Iron.....	J. S. Brown Hardw. Co	3 16

## EXHIBIT A—Continued.

SERIES OF 1885-86.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount.
1886.					
Jan'y 4	482	Maintenance .....	Laundry .....	Houston steam laundry	\$45 00
4	483	Chemical department.....	Apparatus .....	J. W. Qu en & Co .....	68 59
4	484	Maintenance .....	Stov'n pipe.....	Cole Bros.....	21 70
4	485	Library .....	Book .....	R. Wipprecht.....	3 60
4	486	Maintenance .....	Gasoline.....	Waters Pierce Oil Co...	263 12
12	487	Farm .....	Freight .....	J. S. Fawkes & Co .....	8 23
12	488	Expense.....	Telegram.....	J. S. Fawkes & Co .....	40
13	489	Expense.....	Box rent.....	Bryan Postoffice.....	1 00
15	490	F. Collins.....	Refunded .....	F. Collins.....	4 50
15	491	Maintenance .....	Janitor.....	Carl Seibert.....	25 00
16	492	F. B. Heym.....	Refunded .....	F. B. Heym.....	3 50
18	493	Maintenance .....	Painting .....	S. Davis.....	19 25
18	494	Agricultural department.	Painting .....	S. Davis.....	7 50
18	495	Agricultural department.	Brick mason.....	Peter Winter.....	13 00
18	496	Repairs.....	Brick mason.....	Peter Winter.....	15 80
18	497	Mechanical department..	Brick mason.....	Peter Winter.....	12 00
19	498	Farm.....	Student labor.....	R. R. Roff.....	1 65
22	499	Mechanical department..	Saws.....	Simmons Hardware Co.	32 04
22	500	Mechanical department..	Beltng .....	Simmons Hardware Co.	16 08
22	501	Bookstore.....	Text books.....	Lea & Shepherd.....	2 10
22	502	Bookstore.....	Text books.....	T. Moroney.....	33 20
22	503	Bookstore.....	Text books.....	John Wiley & Sons.....	13 20
22	504	Library.....	Books.....	Jansen, McClurg & Co...	52 55
22	505	Bookstore.....	Text books.....	Clark & Maynard.....	25 92
22	506	Maintenance .....	Gas chimney.....	Ripley & Kimball.....	4 80
22	507	Farm .....	Harness .....	Hanway & Son.....	2 50
22	508	Maintenance .....	Paints.....	James Bute.....	7 70
22	509	Profit and loss.....	Justice's fee.....	A. W. Clearwell.....	3 70
22	510	Maintenance .....	Chairs.....	E. Jllig.....	14 69
22	511	Farm .....	Seed .....	Plant Seed Company...	39 45
22	512	B. E. McCulloch.....	Refunded .....	B. E. McCulloch.....	18 00
25	513	G. W. Bancroft.....	Refunded .....	G. W. Bancroft.....	35 00
29	514	Mechanical department..	Express .....	E. H. Whitlock.....	69
30	515	Maintenance .....	Janitor.....	A. Zdrzil.....	22 50
30	516	Maintenance .....	Groceries.....	W. D. Cleveland.....	144 74
30	517	Maintenance .....	Gasoline.....	Waters Pierce Oil Co...	37 94
30	518	Library .....	Express .....	Pacific Express Co.....	1 75
30	519	Farm .....	Forage .....	Fulkerson & Lawrence.	10 00
30	520	Farm .....	Seed .....	J. W. English.....	17 00
30	521	Farm .....	Seed .....	J. W. English.....	3 63
30	522	Mechanical department..	Nails.....	J. S. Brown Hardw. Co.	4 78
30	523	Maintenance .....	Pump .....	J. S. Brown Hardw. Co.	3 50
30	524	Farm .....	Fence .....	J. S. Brown Hardw. Co.	3 50
30	525	Bookstore .....	Text books.....	Chas. Dabney.....	54 00
30	526	Gas machine.....	Cement .....	Ripley & Kimball.....	65
30	527	Agricultural department.	Gas pipe.....	J. S. Brown & Co.....	5 75
30	528	B. H. Rue.....	Refunded .....	B. H. Rue.....	7 90
30	529	B. M. Rich.....	Refunded .....	B. M. Rich.....	10 20
30	530	Salaries .....	Assistant mathematics...	R. F. Smith.....	75 00
30	531	Salaries .....	Instructor .....	J. S. Mallory.....	70 00
30	532	Mechanical department..	Drills .....	Cleveland Twist Dr. Co.	4 95
30	533	Bookstore .....	Text books.....	Sheldon & Co.....	8 10
31	534	Bookstore .....	Text books.....	J. B. Lippincott & Co...	4 50
31	535	Bookstore .....	Text books.....	T. Moroney.....	5 40
31	536	Farm .....	Labor .....	George Williams.....	15 00
31	537	Chemical department .....	Freight .....	J. S. Brown Hardw. Co.	1 10
31	538	Farm .....	Forage .....	J. H. Suber.....	43 30
31	539	Farm .....	Labor .....	J. Booker.....	16 50
31	540	Maintenance .....	Drummer.....	J. R. Fisk.....	25 00
31	541	Salaries .....	Foreman shops.....	A. Harbers.....	60 00
31	542	Maintenance .....	Janitor.....	C. Seibert.....	20 00
31	543	Repairs .....	Bolt .....	R. F. Smith.....	15
31	544	Farm .....	Labor .....	John Austin.....	18 00
31	545	Sinks .....	Labor .....	Tom Cavitt.....	22 00
31	546	Library .....	Assistant librarian.....	H. L. Wright.....	12 50
31	547	Farm .....	Labor .....	B. Shisa .....	6 00
31	548	Maintenance .....	Salary steward .....	B. Shisa .....	150 00
31	549	Maintenance .....	Supplies .....	B. Shisa .....	407 26
31	550	Medical attendance.....	Surgeon .....	J. D. Read.....	30 00
31	551	Maintenance .....	Laundry.....	Houston St'm Laundry.	135 45

## EXHIBIT A—continued.

SERIES OF 1885-86.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount.
1886.					
Jan'y 31	552	Maintenance .....	Beef.....	W. C. Boyett .....	\$315 85
... 31	553	Expense.....	Express .....	S. Hoffman.....	11 10
... 31	554	Maintenance .....	Express .....	S. Hoffman.....	3 20
... 31	555	Agricultural department.	Express .....	S. Hoffman.....	1 75
... 31	556	Farm .....	Express .....	S. Hoffman.....	5 85
... 31	557	Bookstore .....	Express .....	S. Hoffman.....	11 40
... 31	558	Farm .....	Rope.....	J. W. English.....	2 50
... 31	559	Maintenance .....	Groceries .....	J. W. English.....	138 10
... 31	560	Salaries .....	Agent of Board .....	W. P. Hardeman.....	187 50
... 31	561	E. A. Pears .....	Refunded .....	E. A. Pearson .....	30 00
... 31	562	Agricultural department	Student labor .....	S. F. Chapman .....	8 30
Feb'y 6	563	Farm .....	Forage .....	Coffman & Scott.....	244 84
... 6	564	Farm .....	Hardware .....	J. S. Brown Hard. Co...	3 60
... 6	565	Agricultural department.	Cement .....	D. Crowley.....	32 15
... 6	566	Maintenance .....	Buckets .....	W. D. Cleveland.....	8 85
... 6	567	Mechanical department..	Smokestack cap .....	W. Koppe .....	7 97
... 6	568	Chemical department.....	Pipe .....	W. Koppe .....	91
... 6	569	Maintenance .....	Locks, etc .....	W. Koppe .....	4 40
... 6	570	Agricultural department.	Lumber .....	Fulkerson & Lawrence	13 89
... 6	571	Farm .....	Lumber .....	Fulkerson & Lawrence	1 44
... 6	572	Library .....	Lumber .....	Fulkerson & Lawrence.	8 18
... 6	573	Removal of barracks.....	Lumber .....	Fulkerson & Lawrence	21 75
... 6	574	Improvement of campus.	Lumber .....	Fulkerson & Lawrence	50
... 6	575	Expense.....	Express .....	E. H. Whitlock .....	75
... 6	576	Library .....	Books .....	Janson, McTurg & Co.	17 03
... 6	577	Mechanical department..	Planer vise.....	F. Van Winkle.....	101 87
... 6	578	Maintenance .....	Groceries.....	H. Kemole .....	21 45
... 6	579	Farm .....	Forage.....	Garth, Griffiths & Co...	6 15
... 9	580	Removing barracks.....	Labor .....	J. H. Suber.....	40 00
... 11	581	Agricultural department	Labor .....	J. Riggs .....	5 50
... 11	582	Library .....	Books .....	N. D. McDonald & Co.	85 50
... 11	583	Agricultural department	Student labor .....	D. Adriance .....	21 40
... 11	584	Agricultural department	Fence .....	J. H. Suber.....	19 15
... 11	585	Bookstore .....	Text books .....	S. S. Nichols.....	13 08
... 11	586	Chemical department.....	Supplies.....	Elmer & Amend.....	29 50
... 11	587	Printing and advertising.	Express .....	R. H. Whitlock .....	2 50
... 11	588	Mechanical department..	Chemicals .....	R. H. Whitlock .....	55
... 11	589	Canceled .....	.....	.....	.....
... 11	590	Canceled .....	.....	.....	.....
... 11	591	Agricultural department	Paint.....	G. W. Norrell.....	40
... 11	592	Farm .....	Blacksmith.....	T. P. Wooten.....	5 00
... 12	593	Chemical department.....	Battery .....	H. H. Dinwiddie.....	8 87
... 12	594	Agricultural department	Microscope .....	W. H. Walmsley.....	48 15
... 12	595	Farm .....	Lumber .....	Tex. Train and Lum.Co	70 84
... 12	596	W. Eichlitz .....	Refunded .....	W. Eichlitz .....	25 25
... 12	597	Maintenance .....	Honey .....	Geo. Pfeuffer & Co.....	48 77
... 12	598	L. D. Bradley.....	Refunded .....	L. D. Bradley.....	20 80
... 12	599	A. Williams .....	Refunded .....	A. Williams .....	6 00
... 12	600	Maintenance .....	Labor .....	E. Bell .....	3 50
... 12	601	Agricultural department	Brick mason.....	Peter Winter .....	21 00
... 12	602	Wm. Richardt.....	Refunded .....	Wm. Richardt .....	21 90
... 12	603	Farm .....	Forage .....	J. H. Suber.....	26 00
... 12	604	Expense.....	{ Conveying remains of {	F. Flact .....	8 65
... 12	605	Expense.....	{ J. Spinilli to Waco {	H. L. Wright.....	29 90
... 12	606	Farm .....	Express .....	Pacific Express Co .....	35
... 12	607	Maintenance .....	Laundry .....	Houston S'm Laundry.	125 70
... 12	608	Maintenance .....	Beef.....	W. C. Boyett.....	283 35
... 12	609	Improvement of campus..	Pair mules.....	T. M. Scott .....	350 00
... 12	610	Mathematical depart'm't	Express .....	Pacific Express Co .....	2 50
... 12	611	Farm .....	Seed potatoes.....	B. Sbisa .....	7 15
... 12	612	Maintenance .....	Supplies.....	B. Sbisa .....	438 49
... 12	613	Maintenance .....	Salary, steward .....	B. Sbisa .....	150 00
... 12	614	Medical attendance.....	Surgeon.....	J. D. Read.....	85 00
... 12	615	Mechanical department..	Express .....	Pacific Express Co .....	2 30
March 1	616	Farm .....	Labor .....	J. Booker .....	15 00
... 1	617	Farm .....	Labor .....	J. Austin .....	15 00
... 1	618	Farm .....	Labor .....	G. Williams .....	15 00
... 1	619	Sinks .....	Labor .....	Tom Cavit .....	20 00
... 1	620	Maintenance .....	Janitor.....	J. M. Cruse .....	24 60
... 1	621	Salaries .....	Assistant Math .....	R. F. Smith.....	75 00



## EXHIBIT A—Continued.

SERIES OF 1885-86.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount.
1886.					
March 1	622	Salaries .....	Instructor.....	J. S. Mallory.....	\$30 00
... 1	623	Salaries .....	Foreman shop .....	A. Harbers.....	60 00
... 1	624	Maintenance .....	Drummer .....	J. R. Fisk.....	25 00
... 3	625	Agricultural department.	Student labor.....	S. F. Chapman.....	2 50
... 3	626	Farm .....	Seed .....	Coffman & Scott .....	8 00
... 3	627	Bookstore.....	Text books.....	A. L. Shipman's Sons... ..	12 57
... 3	628	Mechanical department...	Starch .....	Buford & Hall.....	35
... 3	629	Mechanical department...	Walnut .....	J. F. Smith & Bro. ....	11 66
... 3	630	Mechanical department...	Castings for engine .....	F. Van Winkle .....	95 94
... 3	631	Mechanical department...	Wall paper .....	James Bute.....	1 80
... 3	632	Farm .....	Flow handles .....	L. T. Fuller .....	1 50
... 3	633	Farm .....	Clevis, etc .....	B. F. Avery & Son.....	2 00
... 3	634	Farm .....	Lumber .....	Tex. Tram and Lum Co .....	44 22
... 3	635	Farm .....	Harness .....	Harway & Son.....	3 50
... 3	636	Agricultural Conventions	Expenses to Washington	G. W. Curtis.....	49 80
... 8	637	Bookstore.....	Text books.....	O. Judd & Co.....	8 00
... 3	638	Bookstore.....	Text books.....	Eldridge & Bro. ....	2 45
... 3	639	Bookstore.....	Text books.....	Macmillan & Co .....	3 90
... 3	640	Repairs.....	Trees.....	C. M. Hill .....	52 25
... 3	641	Mechanical department...	Lumber .....	Fulkerson & Lawrence.	6 54
... 3	642	Canceled .....	.....	.....	.....
... 3	643	Farm .....	Lumber .....	Fulkerson & Lawrence.	10 00
... 3	644	Farm .....	Blacksmith .....	T. P. Wooten .....	5 20
... 3	645	Maintenance .....	Groceries .....	H. Kemole .....	42 25
... 3	646	Maintenance .....	Gasoline.....	Waters Pierce Oil Co... ..	187 64
... 3	647	Maintenance .....	Freight .....	S. Hoffman.....	2 25
... 3	648	Maintenance .....	Groceries.....	J. W. English .....	256 27
... 3	649	Farm .....	Seed .....	J. W. English.....	12 48
... 3	650	Maintenance .....	Groceries.....	W. D. Cleveland.....	25 70
... 3	651	Agricultural department.	Hardware .....	W. Koppe .....	21 41
... 3	652	Maintenance .....	Hardware .....	W. Koppe .....	2 75
... 4	653	Expense .....	Telegrams.....	H. Kemole .....	1 85
... 4	654	Expense .....	Stationery.....	A. D. McConico.....	4 75
... 4	655	Bookstore .....	Text books.....	Sheldon & Co.....	1 00
... 4	656	Printing and advertising.	Blanks.....	J. J. Pastoriza.....	7 25
... 4	657	Maintenance .....	Laundry.....	Houston steam laundry .....	82 90
... 4	658	Agricultural department.	Labor .....	J. E. Floyd.....	18 00
... 4	659	Agricultural department.	Fertilizers.....	Baugh & Son .....	2 40
... 4	660	Farm .....	Labor .....	J. Rigg .....	2 25
... 10	661	Mathematical department.	Level .....	T. F. Randolph.....	47 90
... 13	662	F. J. Bettis.....	Refunded .....	F. J. Bettis.....	5 00
... 13	663	Improvement of campus	Freight on mules .....	F. M. Scott.....	5 03
... 13	664	B. W. Bristow.....	Refunded .....	B. W. Bristow.....	4 80
... 13	665	W. W. Wright.....	Refunded .....	W. W. Wright.....	4 85
... 13	666	Improvement of campus	Plans of grounds.....	Chas. Meyer.....	80 00
... 13	667	Removing Barracks.....	Labor .....	J. H. Suber.....	2 50
... 15	668	Improvement of campus.	Labor .....	J. H. Suber.....	3 75
... 15	669	Sinks .....	Labor .....	J. H. Suber.....	3 00
... 15	670	Repairs .....	Labor .....	J. H. Suber.....	50
... 15	671	Expense .....	Express .....	Pacific Express Co.....	1 20
... 15	672	Mechanical department...	Express .....	Pacific Express Co.....	30
... 15	673	Library .....	Express .....	Pacific Express Co.....	2 00
... 16	674	Maintenance .....	Janitor.....	C. Siebert .....	20 00
... 16	675	Maintenance .....	Janitor.....	A. Zdrzil.....	32 66
... 16	676	Farm.....	Labor .....	J. Randle .....	75
... 16	677	Farm.....	Labor .....	N. Graham .....	75
... 16	678	Farm .....	Seed .....	Plant Seed Company... ..	40 47
... 19	679	Maintenance.....	Meal .....	Coffman & Scott.....	29 77
... 19	680	Mechanical department.	Clock .....	J. Wilkerson Co .....	6 12
... 19	681	Expense .....	Black crepe .....	Cole Bros.....	7 80
... 19	682	Mechanical department...	Pipe die .....	Simmons Hardware Co .....	1 38
... 19	683	Bookstore .....	Text books.....	T. Moroney.....	2 03
... 19	684	Expense .....	Morning report book .....	M. Strickland & Co.....	8 50
... 19	685	Repairs.....	2 wooden cisterns .....	R. B. Garnett.....	77 00
... 19	686	S. M. Tarbet.....	Refunded .....	S. M. Tarbet.....	20 00
... 19	687	Mechanical department...	Wall paper .....	Jas. Bute.....	1 20
... 19	688	Agricultural department.	Glass for microscope .....	W. H. Walmsley & Co. ....	22 32
... 19	689	Improvement of campus.	Feed of mules .....	J. F. Parks.....	1 00
... 19	690	Repairs.....	Lumber .....	Fulkerson & Lawrence	10 72
... 19	691	Farm .....	Paints.....	Jas. Bute.....	3 30



## EXHIBIT A—continued.

SERIES OF 1885-86.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount.
1886.					
Mar. 19	692	Library.....	Books .....	B. Westerman & Co....	\$25 92
... 19	693	Maintenance .....	Groceries .....	H. Kemole.....	16 31
... 19	694	Farm .....	Nails.....	J. S. Brown Hard. Co..	3 65
... 19	695	Maintenance .....	Groceries .....	W. D. Cleveland .....	238 19
... 19	696	Expense.....	Texas Review.....	C. R. Johns & Sons.....	50 00
... 19	697	Mechanical department...	Oils .....	G. W. Norrell.....	4 40
... 19	698	P. H. Shook.....	Refunded.....	P. H. Shook.....	4 00
... 19	699	Chemical department.....	Express .....	W. Wipprecht .....	2 00
... 27	700	Improvement of campus..	Labor .....	E. Sessum.....	1 75
... 27	701	Salaries.....	Assistant mathematician.	R. F. Smith .....	75 00
... 27	702	C. J. Baker.....	Refunded.....	C. J. Baker.....	4 00
... 27	703	Chemical department.....	Apparatus.....	E. Greiner.....	64 35
... 27	704	Bookstore .....	Text-books .....	Sheldon & Co. ....	1 00
... 27	705	Mechanical department...	Saw blades.....	J. S. Brown Hardw. Co..	32
... 27	706	Improvement of campus..	Grass seed.....	W. Radam.....	2 50
... 27	707	Farm .....	Harrow .....	Nash Bros.....	22 27
... 30	708	Printing and advertising.	Express .....	H. H. Dinwiddie.....	5 50
... 30	709	Chemical department.....	Slop jars.....	H. H. Dinwiddie.....	6 60
... 30	710	Improvement of campus	Freight .....	H. and T. C. Railway...	27
... 30	711	Repairs .....	Window blinds.....	H. House.....	14 75
... 30	712	Maintenance .....	Laundry .....	Houston St'm Laundry.	83 30
... 30	713	Farm .....	Plows .....	B. F. Avery & Son.....	15 75
... 30	714	Farm .....	Bois d'arc posts .....	Coffman & Scott.....	150 00
... 30	715	Sinks.....	Labor.....	Tom Cavitt.....	20 00
... 30	716	Farm .....	Labor.....	George Williams.....	15 00
... 30	717	Farm .....	Labor.....	J. Booker.....	15 00
... 30	718	Farm .....	Labor.....	J. W. Austin.....	15 00
... 30	719	Maintenance .....	Flour.....	Coffman & Scott.....	19 40
... 30	720	F. D. Boyd.....	Refunded.....	F. D. Boyd.....	3 00
... 30	721	Maintenance .....	Janitor.....	C. Garrity.....	10 00
... 30	722	Medical attendance .....	Surgeon .....	J. D. Read.....	85 00
... 30	723	Maintenance .....	Drummer .....	J. R. Fisk .....	25 00
... 30	724	Maintenance .....	Beef .....	W. C. Boyett.....	268 20
... 30	725	Farm.....	Express .....	S. Hoffman.....	3 15
... 30	726	Expense.....	Express .....	S. Hoffman.....	9 90
... 30	727	Chemical department...	Express .....	S. Hoffman.....	16 30
... 30	728	Maintenance .....	Supplies.....	B. Sbisa .....	403 37
... 30	729	Maintenance .....	Salary, steward.....	B. Sbisa .....	150 00
... 30	730	Farm .....	Labor.....	B. Sbisa .....	5 50
... 30	731	Maintenance .....	Janitor.....	C. Siebert.....	20 00
... 30	732	X. B. Saunders.....	Refunded.....	X. B. Saunders.....	15 55
... 30	733	H. M. McDonald.....	Refunded.....	H. M. McDonald.....	35 80
April 2	734	Farm .....	Labor.....	J. Murray.....	1 00
... 2	735	Farm .....	Labor.....	J. M. Cruse.....	17 00
... 2	736	Farm .....	Labor.....	J. H. Suber.....	3 00
... 2	737	Salaries .....	Foreman of shops.....	A. Harbers.....	60 00
... 2	738	Maintenance .....	Laundry .....	Houston St'm Laundry.	82 60
... 2	739	Expense.....	Blanks .....	J. J. Pastoriza.....	4 75
... 2	740	Bookstore .....	Drawing material.....	Williams & Brown.....	7 60
... 2	741	Maintenance .....	Gasoline.....	Waters Pierce Oil Co..	20 46
... 2	742	Expense.....	Box rent.....	Bryan P. O.....	1 00
... 2	743	Agricultural department.	Labor.....	J. E. Floyd.....	18 00
... 2	744	Salaries .....	Instructor .....	J. S. Mallory .....	30 00
... 2	745	Improvement of campus..	Labor.....	M. Bachmann.....	20 00
... 2	746	Improvement of campus..	Harness .....	W. W. Hanway.....	29 50
... 2	747	Maintenance .....	Groceries .....	J. W. English.....	47 50
... 2	748	Farm .....	Seed .....	J. W. English.....	2 75
... 2	749	Improvement of campus..	Rope .....	J. W. English.....	1 32
... 2	750	Farm .....	Labor.....	B. Franklin.....	1 50
... 6	751	Farm .....	Labor.....	B. Franklin.....	50
... 6	752	Repairs.....	Carpenter.....	R. L. Widdington.....	26 00
... 7	753	Chemical department.....	Porcelain dishes.....	W. Wipprecht.....	2 20
... 7	754	Expense.....	Tracing linen.....	W. Wipprecht.....	1 20
... 7	755	Improvement of campus..	Labor.....	O. Lawrence.....	5 50
... 15	756	Expense.....	Flags, etc.....	J. S. Mallory.....	15 20
... 15	757	Farm .....	Labor.....	H. Foster.....	4 00
... 15	758	Farm .....	Seed .....	W. D. Cleveland.....	5 85
... 15	759	Maintenance .....	Groceries .....	W. D. Cleveland.....	5 85
... 15	760	Mechanical department...	Drills.....	Cleveland Twist Dr. Co.	13 41
... 15	761	Agricultural department.	Locks.....	W. Koppe.....	85

## EXHIBIT A—continued.

SERIES OF 1885-86.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount.
1886.					
April 6	762	Agricultural department	Door Frames .....	Garth, Griffiths & Co...	\$7 80
... 6	763	Maintenance.....	Crockery.....	J. F. Dumble .....	15 45
... 15	764	Farm.....	Mower bar.....	L. T. Fuller .....	25 10
... 15	765	Expense.....	Diplomas.....	Maverick & Weisinger .....	35 00
... 15	766	Printing and advertising.	stationary .....	Sam Raynor.....	6 50
... 15	767	W. C. Smith.....	Refunded .....	W. C. Smith.....	26 90
... 15	768	Library.....	Express.....	Pacific Express Co .....	75
... 15	769	Mechanical department..	Express.....	Pacific Express Co .....	1 70
... 15	770	J. R. Masterson.....	Refunded.....	J. R. Masterson.....	20 00
... 15	771	J. R. McMahan .....	Refunded.....	J. R. McMahan .....	23 10
... 11	772	Maintenance .....	Laundry .....	Houston Steam Laun'y .....	80 15
... 17	773	Library .....	Assistant librarian.....	H. L. Wright.....	12 50
... 17	774	Farm .....	Fence .....	J. H. Suber.....	31 23
... 17	775	Farm .....	Freight .....	H. & T. C. Railway.. ..	1 70
... 20	776	J. J. Whallan .....	Refunded.....	J. J. Whallan .....	5 00
... 20	777	J. W. Williamson.....	Refunded.....	J. W. Williamson.....	5 00
... 20	778	X. B. Saunders .....	Refunded.....	X. B. Saunders .....	35 00
... 20	779	Library .....	Books .....	C. B. Southwell.....	6 25
... 20	780	Salaries.....	Agent Board.....	W. P. Hardeman.....	187 50
... 20	781	Agricultural department.	Forge.....	Coffman & Scott.....	19 80
... 24	782	Agricultural department.	Photo plates of cattle.....	C. J. Wright.....	12 95
... 24	783	Maintenance.....	Cement.....	D. Crowley.....	7 80
... 24	784	Improvement of campus.	Labor.....	R. Piper.....	50
... 24	785	Farm .....	Labor.....	H. Foster.....	1 00
... 30	786	Mechanical department..	Fittings .....	J. S. Brown Hardw. Co .....	4 62
... 30	787	Improvement of campus..	Blacksmith.....	T. P. Wooten .....	1 00
... 30	788	Mechanical department..	Steam indicator, etc .....	F. Van Winkle.....	82 03
... 30	789	Mechanical department..	Fittings .....	Simmons Hardw. Co .....	6 81
... 30	790	Mechanical department..	P. H-sh.....	T. Connor & Co.....	2 55
... 30	791	Chemical department.....	Apparatus.....	Elmer & Amend.....	82 80
... 30	792	Farm.....	Plow beam.....	L. T. Fuller .....	1 90
... 30	793	Farm .....	Nails .....	C. W. Alsworth.....	4 60
... 30	794	Improvement of campus..	Horse shoeing .....	A. Rainbold.....	1 50
... 30	795	Medical attendance.....	Surgeon .....	J. D. Read.....	85 00
... 30	796	Expense.....	Postage .....	S. Hoffman.....	30 45
... 30	797	Farm .....	Express .....	S. Hoffman.....	3 85
... 30	798	Salaries .....	Assistant mathematics.....	R. F. Smith .....	75 00
... 30	799	Educational exhibit.....	Photographs.....	C. J. Wright.....	25 00
... 30	800	Farm .....	Post hole digger .....	W. P. Hardeman .....	3 53
... 30	801	Farm .....	Labor .....	J. H. Suber.....	1 50
... 30	802	Improvement of campus..	Labor .....	J. H. Suber.....	2 50
... 30	803	Maintenance .....	Beef .....	W. C. Boyett.....	199 57
... 30	804	Maintenance .....	Supplies.....	B. Sbisa .....	390 88
... 30	805	Maintenance .....	Salary, steward.....	B. Sbisa .....	150 00
... 30	806	Farm .....	Labor .....	B. Sbisa .....	60 50
... 30	807	Salaries .....	Foreman shops .....	A. Harbers.....	60 00
... 30	808	Sinks .....	Labor .....	T. Cavitt.....	20 00
... 30	809	Improvement of campus.	Labor .....	M. Boehmann .....	.....
... 30	810	Maintenance .....	Drummer.....	J. R. Fisk.....	25 00
May 5	811	Mechanical department..	Express .....	Pacific Express Co .....	2 65
... 5	812	Educational exhibit.....	Express.....	E. H. Whittlock.....	25
... 5	813	Maintenance .....	Janitor.....	C. Garrity.....	20 00
... 5	814	Maintenance .....	Janitor.....	C. Siebert .....	20 00
... 7	815	Maintenance .....	Churn.....	W. Koppe .....	5 25
... 7	816	Farm .....	Auger, bits, etc .....	J. S. Brown Hardw. Co .....	8 36
... 7	817	Expense.....	Galvanized flue.....	M. Bonneville.....	6 50
... 7	818	Maintenance.....	Groceries .....	H. Kemole.....	5 65
... 7	819	Farm .....	Seed.....	J. W. English .....	2 90
... 7	820	Agricultural department.	Labor .....	J. E. Floyd .....	18 00
... 7	821	Library .....	Book binding.....	J. J. Pastoriza .....	26 75
... 7	822	Maintenance .....	Groceries .....	J. W. English .....	356 29
... 7	823	Farm .....	Part harrow.....	Nash & Bro .....	50
... 7	824	Maintenance.....	Ventilator.....	E. P. Alsbury.....	4 50
... 7	825	Mechanical department.	Turning shaft .....	C. B. Lee & Co.....	4 00
... 7	826	Agricultural department.	Locks .....	J. S. Brown Hardw. Co .....	7 70
... 7	827	Farm .....	Harness .....	J. S. Brown Hardw. Co .....	2 20
... 7	828	Maintenance .....	Crockery .....	J. F. Dumble.....	6 70
... 7	829	Mechanical department..	Draw pulls .....	W. Koppe .....	1 50
... 7	830	Maintenance .....	Janitor.....	C. Garrity.....	4 00
... 8	831	Farm .....	Student labor.....	W. L. Stricklin.....	5 00

## EXHIBIT A—continued.

SERIES OF 1885-86.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount.
1886.					
May 5	832	Maintenance.....	Gas chimney.....	Ripley & Kimball.....	\$6 75
... 5	833	Farm.....	Hogs.....	F. Hill.....	2 62
... 5	834	Maintenance.....	Gasoline.....	Waters Pierce Oil Co.....	115 08
... 5	835	Library.....	Books.....	Jansen, McClurg & Co.....	29 69
... 5	836	Expense.....	Carpenter.....	D. Williams.....	28 75
... 11	837	Farm.....	Labor.....	B. Jameson.....	3 00
... 12	838	Maintenance.....	Janitor.....	B. Jameson.....	1 35
... 12	839	C. J. Cerf.....	Refunded.....	C. J. Cerf.....	4 15
... 12	840	Farm.....	Express.....	Pacific Express Co.....	60
... 12	841	A. S. Holland.....	Refunded.....	A. S. Holland.....	30 00
... 13	842	J. C. Bethany.....	Refunded.....	J. C. Bethany.....	30 00
... 13	843	Expense.....	Stationery.....	Reynolds & Reynolds.....	7 10
... 14	844	Farm.....	Hay unloader.....	Crown Man'g Co.....	23 70
... 14	845	Farm.....	Plow points.....	C. W. Alsworth.....	1 70
... 14	846	Maintenance.....	Groceries.....	W. D. Cleveland.....	4 73
... 14	847	Bookstore.....	Drawing material.....	Williams & Brown.....	18 75
... 14	848	Library.....	Books.....	B. Westerman & Co.....	11 55
... 14	849	Maintenance.....	Groceries.....	J. W. English.....	26 70
... 14	850	Maintenance.....	Blacksmith.....	T. P. Wooten.....	2 85
... 14	851	Agricultural department.	Registering cattle.....	Holstein Freisian Ass'n	2 00
... 14	852	Farm.....	Part mower.....	L. T. Fuller.....	83
... 14	853	C. Storey.....	Refunded.....	C. Storey.....	13 55
... 14	854	Repairs.....	Paints and pipe.....	L. L. McInnis.....	7 25
... 14	855	Improvement of campus.	Labor.....	J. H. Suber.....	8 00
... 18	856	Improvement of campus.	Labor.....	W. Hamilton.....	3 50
... 18	857	Improvement of campus.	Lumber.....	Fulkerson & Lawrence	8 12
... 18	858	Mathematical depart.	Lumber.....	Fulkerson & Lawrence	1 80
... 18	859	Repairs.....	Lumber.....	Fulkerson & Lawrence	5 25
... 18	860	Agricultural department	Lumber.....	Fulkerson & Lawrence	11 63
... 18	861	Maintenance.....	Lumber.....	Fulkerson & Lawrence	1 10
... 18	862	Mechanical department.	Lumber.....	Fulkerson & Lawrence	6 02
... 18	863	Mechanical department.	Galvanized iron.....	Simmons Hardware Co.	35
... 18	864	Mechanical department.	Glue pot.....	J. S. Brown Hardw. Co	2 25
... 18	865	Expense.....	Argand burners.....	Ripley & Kimball.....	9 36
... 18	866	Maintenance.....	Laundry.....	Houston Steam Lndry	156 45
... 18	867	Repairs.....	Tinner.....	W. Koppe.....	12 78
... 18	868	Farm.....	Blacksmith.....	T. B. Wooten.....	1 50
... 18	869	Maintenance.....	Wire cloth.....	J. S. Brown Hardw. Co	4 37
... 18	870	Agricultural department.	Copper wire.....	W. Koppe.....	1 40
... 18	871	Farm.....	Fencing.....	Tex. Tram. & Lum. Co	101 50
... 18	872	Improvement of campus.	Lumber.....	Tex. Tram. & Lum. Co	18 00
... 18	873	Farm.....	Freight.....	J. S. Brown Hardw. Co.	3 65
... 18	874	Farm.....	Part mower.....	L. T. Fuller.....	20
... 18	875	Bookstore.....	Text-books.....	Eldridge & Bro.....	2 45
... 18	876	Library.....	Matting.....	H. Waddell.....	28 60
... 18	877	Salaries.....	Instructor.....	J. S. Mallory.....	30 00
... 18	878	C. Kenole.....	Refunded.....	Chas. Kenole.....	4 75
... 18	879	Farm.....	Express.....	E. H. Whitlock, Agt...	50
... 19	880	Expense.....	Express.....	E. H. Whitlock, Agt...	2 65
... 19	881	Mechanical department.	Tin gutters.....	W. Koppe.....	17 20
... 19	882	Agricultural department	Carpenter.....	D. W. Williams.....	15 00
... 19	883	Repairs.....	Painter.....	W. A. Dodson.....	9 00
... 19	884	Repairs.....	Painter.....	W. A. Dodson.....	4 50
... 19	885	Improvement of campus.	Painter.....	W. A. Dodson.....	6 75
... 19	886	Mechanical department..	Painting shop.....	W. A. Dodson.....	19 75
... 19	887	Agricultural department..	Painting.....	W. A. Dodson.....	2 50
... 19	888	Medical attendance.....	Surgeon.....	J. D. Read.....	85 00
... 24	889	Expense.....	Express.....	S. Hoffman.....	70
... 24	890	Maintenance.....	Beef.....	W. C. Boyett.....	162 29
... 24	891	Educational exhibit.....	Moulding and frames....	L. White.....	22 89
... 24	892	Library.....	Express.....	Pacific Express Co.....	1 30
... 24	893	Educational exhibit.....	Express.....	Pacific Express Co.....	1 10
... 24	894	Maintenance.....	Groceries.....	W. D. Cleveland.....	6 22
... 24	895	Agricultural department	Bulletin.....	J. J. Pastoriza.....	39 50
... 24	896	Salaries.....	Assistant Math.....	R. F. Smith.....	75 00
... 24	897	Salaries.....	Instructor.....	J. S. Mallory.....	30 00
... 24	898	Farm.....	Harness.....	Hanway & Son.....	2 20
... 34	899	Agricultural department	Electrotype Plates.....	Moss Engraving Co.....	60 00
... 24	900	Library.....	Paints.....	W. H. Webb.....	3 90
... 24	901	Repairs.....	Paints.....	W. H. Webb.....	6 00

## EXHIBIT A.

SERIES OF 1885-86.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount.
1886.					
May 24	902	Expense.....	Telegrams and stationery	W. H. Webb.....	\$9 10
... 24	903	Agricultural department.	Labor .....	J. E. Floyd.....	18 00
... 24	904	Sundry students.....	Refunded .....	Sundry students.....	434 90
... 24	905	Sinks .....	Printing.....	W. A. Dodson.....	7 74
... 24	906	Maintenance .....	Groceries .....	J. W. English.....	30 50
... 24	907	Mechanical department.	Painting shop.....	W. A. Dodson .....	55 00
... 24	908	Sinks .....	Labor .....	Tom Cavitt.....	20 00
... 24	909	Maintenance .....	Janitor .....	H. H. Dinwiddie.....	45 00
... 24	910	Printing.....	Blanks .....	J. W. Clark.....	3 50
... 24	911	M. Tillinghast.....	Refunded.....	M. Tillinghast.....	4 50
... 24	912	Maintenance .....	Spring butts.....	J. S. Brown Hardw. Co.	75
... 24	913	Educational exhibit.....	Glass.....	Jas Bute .....	9 40
... 24	914	Repairs.....	Lumber .....	H. H. Dinwiddie.....	26 08
... 24	915	Maintenance .....	Eupion oil.....	Waters Pierce Oil Co...	6 60
... 24	916	Library .....	Notary file.....	H. H. Dinwiddie.....	50
... 24	917	Expense .....	Lock.....	H. H. Dinwiddie.....	7 60
... 24	918	Maintenance .....	Salary, steward.....	B. Sbisa .....	150 00
... 24	919	Maintenance .....	Supplies.....	B. Sbisa .....	439 04
... 24	920	Farm .....	Labor .....	B. Sbisa .....	79 50
... 24	921	Improvement of campus..	Labor .....	M. Bochnann .....	81 50
... 24	922	Agricultural department ..	Express .....	S. H. Finan .....	9 05
... 24	923	Maintenance.....	Laundry .....	Houston Steam Laundry	77 70
... 24	924	Repairs.....	Painting .....	L. L. McInnis.....	6 25
... 24	925	Expense.....	Stationery.....	G. W. Norrell.....	3 75
... 24	926	Improvement of campus.	Carpenter .....	D. Williams .....	6 25
... 24	927	Maintenance .....	Carpenter .....	D. Williams .....	13 75
... 24	928	Repairs .....	Carpenter .....	D. Williams .....	3 75
... 24	929	Repairs .....	Painting .....	H. H. Dinwiddie.....	2 35
... 24	930	Improvement of campus..	Wagon .....	A. Oswald.....	80 00
... 24	931	Maintenance .....	Groceries .....	J. W. English.....	38 24
... 24	932	Mechanical department ..	Babbitt metal.....	W. Koppe .....	60
... 24	933	Maintenance .....	Gas pipe.....	W. Koppe .....	3 83
... 24	934	Agricultural department.	Carpenter .....	D. Williams .....	13 75



## EXHIBIT A—continued.

SERIES OF 1886-87.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount.
1886.					
June 10	1	Agricultural department.	Express .....	G. W. Curtis.....	\$3 80
... 10	2	Printing and advertising.	Engraving plates for Cat.	Moss Engraving Co.....	102 45
... 10	3	Expense.....	Traveling expenses.....	Rev. J. W. Poudexter.	30 00
... 12	4	Maintenance.....	Beef .....	W. C. Boyett .....	39 70
... 14	5	Agricultural department.	Forage.....	H. Schumacher .....	46 40
... 15	6	Farm .....	Barbed wire .....	C. W. Alsworth.....	49 27
... 15	7	Maintenance .....	Freight .....	H. & T. C. Railwa .....	22 90
... 17	8	Expense .....	Brick mason .....	Peter Winter.....	10 00
... 18	9	Library .....	Books .....	B. Westerman & Co.....	257 12
... 18	10	Library .....	Matting.....	H. Waddell .....	28 75
... 18	11	Maintenance.....	Pump .....	J. S. Brown Hardw. Co	6 65
... 25	12	Expense .....	Draft Books.....	M. Strickland & Co.....	30 00
... 26	13	Repairs .....	Pipe .....	Ripley & Kimball .....	35 46
... 26	14	Maintenance.....	Wood .....	J. H. Suber.....	48 00
... 26	15	Repairs .....	Plasterer .....	O. Lacatoine.....	27 50
... 26	16	Farm .....	Carpenter .....	D. Williams .....	12 50
July 1	17	Farm .....	Exp.....	S. Hoffman .....	2 85
... 1	18	Chemical department....	Express .....	S. Hoffman .....	3 40
... 1	19	Maintenance .....	Groceries .....	S. Hoffman.....	10 40
... 2	20	Maintenance .....	Supplies .....	B. Sbisla .....	89 14
... 2	21	Maintenance .....	Salary, steward.....	B. Sbisla .....	75 00
... 2	22	Library .....	Assistant librarian.....	H. L. Wright.....	12 50
... 2	23	Expense .....	Labor .....	J. H. Suber.....	7 50
... 2	24	Expense .....	Express .....	E. H. Whitlock.....	25
... 2	25	Farm .....	Repairs, mower.....	Rawson Man'f'g Co. ...	4 40
... 5	26	Farm .....	Labor .....	B. Sbisla .....	7 75
... 5	27	Maintenance .....	Beef .....	Freeman.....	13 47
... 5	28	Maintenance .....	Ice .....	J. W. White.....	5 65
... 6	29	Maintenance .....	Groceries.....	J. W. English .....	69 58
... 6	30	Maintenance .....	Groceries .....	J. W. English .....	84 68
... 6	31	Farm .....	Blacksmith.....	A. Oswald .....	5 00
... 6	32	Farm .....	Harness .....	Hawley & Son .....	3 00
... 6	33	Maintenance .....	Glassware .....	J. F. Dumble.....	3 97
... 6	34	Agricultural department.	Forage .....	Jos. Locke .....	18 55
... 6	35	Agricultural department.	Bull rings.....	J. S. Brown Hardw. Co	6 00
... 6	36	Maintenance .....	Lumber .....	Fulkerson & Lawrence	2 16
... 6	37	Farm .....	Lumber .....	Fulkerson & Lawrence	8 96
... 6	38	Agricultural department.	Lumber .....	Fulkerson & Lawrence	3 30
... 6	39	Farm .....	Mower section.....	L. T. Fuller .....	3 95
... 6	40	Repairs .....	Cement.....	Dan Crowley.....	8 50
... 6	41	Agricultural department.	Labor .....	John Austin.....	17 50
... 6	42	Farm .....	Labor .....	B. Sbisla .....	65 00
... 11	43	Farm .....	Labor .....	J. H. Suber.....	9 50
... 11	44	Maintenance .....	Wood .....	J. H. Suber.....	48 00
... 11	45	Repairs .....	Plastering .....	O. Lacatoine.....	27 50
... 11	46	Repairs .....	Painting .....	W. A. Dodson.....	30 00
... 11	47	Canceled .....	.....	.....	.....
... 11	48	Canceled .....	.....	.....	.....
... 14	49	Farm .....	Carpenter.....	D. Williams .....	35 00
... 14	50	Repairs .....	Carpenter.....	D. Williams .....	15 00
... 14	51	Mechanical department..	Carpenter.....	D. Williams .....	10 00
... 14	52	Maintenance.....	Carpenter.....	D. Williams .....	6 25
... 14	53	Canceled .....	.....	.....	.....
... 14	54	Salaries .....	Agent Board.....	W. P. Hardeman .....	142 50
... 21	55	Expense .....	Labor .....	Eliza Bell .....	4 00
... 24	56	Maintenance .....	Wood .....	J. H. Suber.....	48 00
... 24	57	Hennery.....	Brick mason .....	Peter Winter.....	9 95
... 27	58	Printing and advertising.	Advertising .....	Holland & Knox .....	10 50
... 27	59	Maintenance.....	Groceries .....	W. D. Cleveland.....	81 65
... 27	60	Bookstore .....	Text-books .....	A. C. McClung.....	2 74
... 29	61	Hennery .....	Cement .....	D. Crowley .....	7 80
... 29	62	Agricultural department.	Meal .....	Garth, Griffiths & Co...	4 40
... 29	63	Printing and advertising	Catalogues .....	J. J. Pastoriza.....	144 00
... 29	64	Printing and advertising	Advertising .....	Kerville Eagle.....	3 00
... 29	65	Repairs .....	Sash cord.....	H. House.....	2 25
... 29	66	Farm .....	Mower sections.....	Rawson M'f'g Co.....	75
... 29	67	Repairs .....	Lumber .....	Fulkerson & Lawrence.	1 75
... 29	68	Farm .....	Nails .....	C. W. Alsworth.....	3 70
... 29	69	Maintenance .....	Churn .....	J. S. Brown Hard. Co...	7 83
... 29	70	Farm .....	Plow points.....	L. T. Fuller .....	9 00

## EXHIBIT A—continued.

SERIES OF 1886-87.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount.
1886.					
July 29	71	Maintenance .....	Empion oil.....	Waters Pierce Oil Co...	\$6 60
... 29	72	Farm .....	Seed.....	Plant Seed Co.....	1 15
... 29	73	Educational exhibit .....	Moulding .....	Louis White.....	4 30
... 29	74	Chemical department.....	Shipman engine.....	J. W. Queen & Co .....	176 23
... 29	75	Farm .....	Plow points .....	C. W. Alsworth.....	5 80
... 29	76	Hennery .....	Bois d'arc posts .....	L. A. Scott.....	70 00
... 29	77	Farm .....	Bois d'arc posts .....	L. A. Scott.....	50 00
... 29	78	Agricultural department.	Bois d'arc posts .....	L. A. Scott.....	30 00
... 29	79	Maintenance .....	Castings for bedsteads. ...	Smith Manufact'g Co. ...	13 55
... 30	80	Maintenance .....	Groceries .....	W. D. Cleveland.....	7 00
... 30	81	Farm .....	Labor .....	B. Sbis.....	65 00
... 31	82	Agricultural department.	Labor .....	J. W. Austin.....	18 00
... 31	83	Repairs .....	Plastering .....	O. Lacatoine.....	42 50
... 31	84	Repairs .....	Painting.....	W. A. Dodson.....	38 25
... 31	85	Educational exhibit.....	Express .....	S. Hoffman.....	9 03
... 31	86	Expense.....	Postage .....	S. Hoffman.....	37 22
... 31	87	Maintenance .....	Express .....	S. Hoffman.....	5 70
... 31	88	Maintenance .....	Beef .....	W. C. Boyett.....	38 88
Aug. 3	89	Maintenance .....	Salary steward .....	B. Sbis.....	75 00
... 5	90	Maintenance .....	Supplies .....	B. Sbis.....	76 10
... 5	91	Maintenance.....	Beef .....	Foreman .....	13 83
... 5	92	Improvement of campus.	Blacksmith.....	A. Rainbold.....	2 25
... 5	93	Hennery .....	Brick mason.....	Peter Winter.....	22 40
... 5	94	Expense .....	Box rent .....	Bryan P. O.....	1 00
... 5	95	Expense.....	Scouring.....	Eliza Bell.....	12 75
... 5	96	Maintenance .....	Wood .....	J. H. Suber.....	54 40
... 14	97	Maintenance.....	Wood .....	J. H. Suber.....	64 00
... 14	98	Repairs .....	Plasterer .....	O. Lacatoire.....	25 00
... 16	99	Repairs .....	Painter .....	W. A. Dodson.....	7 87
... 17	100	Farm .....	Labor .....	Bob Foster.....	50
... 18	101	Library.....	Blanks .....	J. J. Pastoriza.....	2 00
... 18	102	Library.....	Books .....	B. Westermann & Co... 163 87	
... 18	103	Maintenance .....	Mattresses .....	Houston Mattress Co... 167 30	
... 18	104	Maintenance .....	Faucets .....	J. S. Brown Hardw. Co 5 65	
... 18	105	Maintenance .....	Meal .....	L. A. Scott.....	6 50
... 18	106	Printing and advertising.	Commencement prog'm's	Brazos Blade.....	5 00
... 18	107	Farm .....	Blacksmith .....	A. Oswald.....	2 75
... 18	108	Section room chairs.....	Setting up.....	Braatz & Mitchell.....	8 50
... 21	109	Maintenance .....	Wood .....	J. H. Suber.....	44 80
... 21	110	Expense.....	Scouring.....	Eliza Bell .....	75
... 24	111	Hennery.....	Lumber .....	Tex. Tram. & Lum. Co. 496 95	
... 24	112	Maintenance .....	Beef .....	W. C. Boyett.....	13 00
... 25	113	Hennery.....	Carpenter .....	P. E. Wellman.....	40 00
... 28	114	Maintenance .....	Wood .....	J. H. Suber.....	51 20
... 28	115	Expense.....	Scouring.....	Eliza Bell.....	1 00
... 28	116	Hennery.....	Carpenter .....	P. E. Willman.....	45 00
... 28	117	Repairs.....	Lightning rods.....	C. C. Warner.....	30 00
... 30	118	Maintenance .....	Groceries .....	S. Hoffman.....	10 03
... 30	119	Hennery.....	Incubator .....	Mrs. A. Lehde.....	70 85
... 30	120	Expense.....	Locks, etc.....	Cole Bros.....	29 05
Sept. 1	121	Maintenance .....	Salary, steward.....	B. Sbis.....	75 00
... 1	122	Expense.....	Express .....	W. Koppe.....	2 85
... 1	123	Farm .....	Express.....	Pacific Express Co.....	25
... 1	124	Hennery.....	Express.....	S. Hoffman.....	2 10
... 1	125	Repairs.....	Tinner .....	E. P. Alsbury.....	12 00
... 1	126	Expense.....	Traveling expenses.....	W. P. Hardeman.....	26 55
... 2	127	Maintenance .....	Supplies .....	B. Sbis.....	110 77
... 3	128	Maintenance .....	Express .....	S. Hoffman.....	5 55
... 3	129	Maintenance .....	Groceries .....	Cameron, Castles & St'y 156 30	
... 3	130	Farm.....	Lumber .....	Fulkerson & Lawrence 11 25	
... 3	131	Repairs.....	Lumber .....	Fulkerson & Lawrence 19 38	
... 3	132	Repairs.....	Lumber .....	Fulkerson & Lawrence 92 17	
... 3	133	Maintenance .....	Groceries .....	W. D. Cleveland.....	113 27
... 3	134	Farm.....	Forage .....	J. Locke.....	284 10
... 3	135	Agricultural department.	Forage .....	J. Locke.....	49 91
... 4	136	Farm.....	Seed .....	Plant Seed Co.....	1 15
... 4	137	Library.....	Books .....	B. Westermann & Co... 4 21	
... 4	138	Maintenance .....	Chairs .....	Scharritt Furniture Co. 30 82	
... 4	139	Maintenance .....	Gas chimney.....	Ripley & Kimball.....	6 60
... 4	140	Improvement of campus.	Horse shoeing.....	White & Nixon.....	75

## EXHIBIT A—Continued.

SERIES OF 1886-87.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount.
1886.					
Sept. 4	141	Repairs .....	Hardware .....	J. S. Brown Hard. Co...	\$4 30
4	142	Maintenance .....	Galv. iron buckets.....	J. S. Brown Hard. Co...	33 41
4	143	Maintenance .....	Pipe .....	C. W. Alsworth.....	2 95
4	144	Farm .....	Nails.....	C. W. Alsworth.....	4 65
4	145	Maintenance .....	Express.....	S. Hoffman.....	1 55
4	146	Bookstore .....	Express.....	S. Hoffman.....	1 35
4	147	Maintenance .....	Hops.....	A. Stude.....	1 50
4	148	Improvement of campus..	Hames.....	Hanway & Son.....	1 50
4	149	Farm .....	Hames.....	Hanway & Son.....	1 15
4	150	Maintenance .....	Eupion oil.....	Waters Pierce Oil Co....	6 60
4	151	Hennery .....	D-ors and sash.....	H. House.....	40 16
4	152	Mechanical department..	Wood .....	J. H. Suber.....	16 00
4	153	Maintenance .....	Wood .....	J. H. Suber.....	16 00
4	154	Maintenance .....	Wood .....	J. H. Suber.....	8 00
4	155	Maintenance .....	Wood .....	J. H. Suber.....	16 00
4	156	Farm .....	Carpenter .....	D. Williams.....	17 50
4	157	Farm .....	Carpenter .....	D. Williams.....	15 00
4	158	Repairs .....	Carpenter .....	D. Williams.....	80 00
4	159	Hennery .....	Carpenter .....	P. E. Willman .....	60 00
6	160	Farm .....	Labor .....	B. Shisa.....	55 50
6	161	Maintenance .....	Groceries.....	J. W. English.....	235 94
7	162	Maintenance .....	Freight .....	S. Hoffman .....	2 36
11	163	Maintenance .....	Freight .....	S. Hoffman .....	1 03
11	164	Salaries .....	Foreman shops.....	A. Harbers .....	30 00
11	165	Salaries .....	Foreman shops .....	A. Harbers .....	46 00
13	166	Maintenance .....	Coat hooks.....	J. S. Brown Hardw. Co.	2 35
13	167	Farm .....	Labor .....	Jesse Parks.....	3 00
13	168	Maintenance .....	Chairs .....	F. Jllig.....	9 60
13	169	Expense .....	Traveling expenses .....	L. L. McInnis.....	97 60
13	170	Repairs .....	Glass .....	James Bute.....	8 48
13	171	Chemical department.....	Apparatus .....	Eimer & Amend.....	77 01
13	172	Maintenance .....	Crockery .....	J. F. Dumble.....	12 00
13	173	Maintenance .....	Mattresses.....	Ho. Mattress Co. ....	43 50
13	174	Chemical department .....	Apparatus .....	J. W. Queen & Co. ....	84 57
13	175	Section room chairs.....	Twelve dozen.....	Scarritt Furniture Co.	337 65
13	176	Farm .....	Part mower.....	J. S. Brown Hardw Co.	2 00
15	177	Bookstore .....	Telegrams and express..	L. L. McInnis.....	12 65
15	178	Bookstore .....	Telegrams and express..	Pacific Express Co.....	14 35
15	179	Maintenance .....	Supplies .....	B. Shisa.....	85 20
15	180	Repairs .....	Plastering.....	O. Lacatoine.....	5 00
15	181	Agricultural department.	Labor .....	John Austin.....	18 00
15	182	Maintenance .....	Crockery .....	J. F. Dumble.....	126 85
15	183	Farm .....	Section rivets.....	C. W. Alsworth.....	55
15	184	Maintenance .....	Drip pans.....	Cole Bros.....	12 00
25	185	Mechanical department..	Lumber .....	Garth, Griffiths & Co...	5 90
25	186	Mechanical department ..	Tools for students.....	F. Van Winkle .....	382 19
25	187	Maintenance .....	Gasoline .....	Waters Pierce Oil Co. .	180 48
25	188	Printing and advertising.	Blanks .....	J. W. Clark.....	7 50
25	189	Printing and advertising.	Advertising .....	Laredo Times.....	6 25
25	190	Printing and advertising.	Blanks .....	Coriscana Observer.....	4 00
25	191	Printing and advertising.	Advertising .....	Brenham Banner.....	4 00
25	192	Printing and advertising.	Advertising .....	Waxahachie Mirror....	5 00
25	193	Printing and advertising.	Advertising .....	Texas Post.....	10 00
25	194	Printing and advertising.	Advertising .....	Texas Christ. Advocate.	10 00
25	195	Printing and advertising.	Blanks .....	H. H. Dinwiddie.....	2 75
25	196	Printing and advertising.	Advertising .....	Jefferson Iron News....	3 00
25	197	Printing and advertising.	Blanks .....	W. M. Young.....	8 50
25	198	Printing and advertising.	Advertising .....	Texas Farmer.....	16 00
25	199	Printing and advertising.	Advertising .....	Dallas News.....	10 00
25	200	Printing and advertising.	Advertising .....	Texas Baptist.....	12 00
25	201	Printing and advertising.	Advertising .....	Fort Worth Mail.....	9 00
25	202	Educational exhibit.....	Expenses.....	H. H. Dinwiddie.....	4 45
25	203	Bookstore .....	Text books.....	D. Appleton & Co.....	53 63
25	204	Bookstore .....	Text books.....	H. Holt & Co.....	36 00
25	205	Agricultural convention.	Expenses .....	H. H. Dinwiddie.....	34 30
25	206	Bookstore .....	Text books.....	S. C. Griggs & Co.....	23 52
25	207	Bookstore .....	Text books.....	H. C. Baird & Co.....	45 00
25	258	Bookstore .....	Text books.....	University Pnb. Co.....	10 80
25	209	Bookstore .....	Text books.....	S. C. Griggs & Co.....	20 70
25	210	Bookstore .....	Text books.....	Sheldon & Co.....	36 35



## EXHIBIT A—continued.

SERIES OF 1886-87.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount
1886.					
Sept. 25	211	Bookstore .....	Text-books .....	Ivison, Blakem'n, T. & Co	\$73 20
... 25	212	Bookstore .....	Text-books .....	Van Antwerp, Bragg & Co	30 60
... 25	213	Bookstore .....	Text-books .....	B. K. Benson .....	79 95
... 25	214	Bookstore .....	Text-books .....	A. S. Barnes & Co. ....	25 92
... 25	215	Bookstore .....	Text-books .....	C. Schoenhoff .....	26 25
... 25	216	Printing and advertising	Advertisement .....	Clarksville Standard ..	10 00
... 25	217	C. C. Gillespie .....	Refunded .....	C. C. Gillespie .....	40 00
... 25	218	Educational exhibit .....	Express .....	Pacific Express Co. ....	22 60
... 27	219	Mechanical department..	Wood .....	J. H. Suber .....	22 40
... 28	220	J. F. Armstrong .....	Refunded .....	J. F. Armstrong .....	5 00
... 28	221	K. Collins .....	Refunded .....	K. Collins .....	5 00
... 30	222	Repairs .....	Plasterer .....	O. Lacatoine .....	7 50
... 30	223	Farm .....	Carpenter .....	D. Williams .....	10 00
... 30	224	Repairs .....	Express .....	S. Hoffman .....	3 70
... 30	225	Maintenance .....	Express .....	S. Hoffman .....	3 12
... 30	226	Expense .....	Postage .....	S. Hoffman .....	12 60
... 30	227	Bookstore .....	Express .....	S. Hoffman .....	23 15
... 30	228	Medical attendance .....	Surgeon .....	J. D. Read .....	80 00
Oct'r 2	229	Farm .....	Labor .....	B. Sbis .....	71 00
... 2	230	Salaries .....	Foreman shops .....	A. Harbers .....	60 00
... 3	231	Repairs .....	Painter .....	W. A. Dodson .....	10 00
... 3	232	Maintenance .....	Groceries .....	Cameron, Castles & St'r'y	36 30
... 3	233	Printing and advertising	Treasurer's books .....	J. Southgate .....	29 75
... 3	234	Mechanical department..	Wood for exercises .....	Jno. Wilkinson Co. ....	5 53
... 3	235	Educational exhibit .....	Glass .....	Jas. Bute .....	4 00
... 3	236	Expense .....	Rent and rep's telephone	Pan Electric Tel. Co. ....	5 80
... 3	237	Maintenance .....	Groceries .....	W. D. Cleveland & Co. .	101 99
... 3	238	Mechanical department..	Wrought iron .....	Simmons Hardware Co. .	9 90
... 3	239	Mechanical department..	Fittings .....	Simmons Hardware Co. .	4 76
... 3	240	Maintenance .....	Eupion oil .....	Waters Pierce Oil Co. ....	6 60
... 3	241	Maintenance .....	Laundry .....	Houston Steam L'ndry ..	111 48
... 3	242	Printing and advertising	Warrant book .....	M. Strickland & Co. ....	11 00
... 3	243	Maintenance .....	Chairs .....	F. Jllig .....	9 00
... 3	244	Maintenance .....	Pipes .....	C. W. Alsworth .....	3 40
... 3	245	Farm .....	Files .....	J. S. Brown Hardw. Co. .	1 25
... 3	246	Farm .....	Seed .....	J. W. English .....	1 20
... 6	247	P. W. Davis .....	Refunded .....	P. W. Davis .....	5 00
... 8	248	Salaries .....	Assistant English .....	W. B. Philpott .....	60 00
... 8	249	Salaries .....	Assistant Mechanics .....	F. E. Giesecke .....	50 00
... 8	250	Salaries .....	Assistant Mathematics ..	R. F. Smith .....	75 00
... 8	251	Salaries .....	Ass't Chemistry and Ph...	W. Wiprecht .....	66 66
... 8	252	Salaries .....	Instructor .....	G. Carleton .....	20 00
... 8	253	Maintenance .....	Drummer .....	J. R. Fisk .....	20 00
... 8	254	Agricultural department.	Labor .....	John Austin .....	18 00
... 8	255	Bookstore .....	Express .....	Pacific Express Co. ....	1 75
... 8	256	Maintenance .....	Express .....	Pacific Express Co. ....	2 95
... 8	257	Mechanical department..	Express .....	Pacific Express Co. ....	1 20
... 8	258	Maintenance .....	Supplies .....	B. Sbis .....	580 38
... 8	259	Salaries .....	Agent of Board .....	W. P. Hardeman .....	158 33
... 8	260	Salaries .....	Agent of Board .....	W. P. Hardeman .....	187 50
... 8	261	Maintenance .....	Salary, steward .....	B. Sbis .....	166 66
... 8	262	Farm .....	Carpenter .....	D. Williams .....	30 00
... 11	263	Maintenance .....	Beef .....	W. C. Boyett .....	337 44
... 12	264	E. Lee .....	Refunded .....	E. Lee .....	22 55
... 13	265	Improvement of campus	Horse shoeing .....	White & Nixon .....	75
... 13	266	Maintenance .....	Meal .....	Garth, Griffiths & Co. .	5 85
... 13	267	Mechanical department..	Pipe fittings .....	W. W. Otter .....	71
... 13	268	Farm .....	Part mower .....	Rawson Manuf. Co. ....	1 50
... 13	269	Printing and advertising	Advertisement .....	Marshall Herald .....	4 00
... 13	270	Maintenance .....	Gas chimneys .....	Ripley & Kimball .....	15 30
... 13	271	Farm .....	Part mower .....	L. T. Fuller .....	2 00
... 13	272	Bookstore .....	Drawing instruments .....	Williams & Brown .....	613 50
... 13	273	Bookstore .....	Text-books .....	D. L. Musselman .....	19 75
... 13	274	Maintenance .....	Laundry .....	Houston Steam L'ndry ..	111 25
... 13	275	Hennerly .....	Lumber .....	Fulkerson & Lawrence ..	1 80
... 13	276	Mechanical department.	Lumber .....	Fulkerson & Lawrence ..	5 28
... 13	277	Farm .....	Lumber .....	Fulkerson & Lawrence ..	37 15
... 13	278	Repairs .....	Lumber .....	Fulkerson & Lawrence ..	3 04
... 13	279	Maintenance .....	Eupion oil .....	Waters Pierce Oil Co. .	3 30
... 13	280	Maintenance .....	Groceries .....	J. W. English .....	219 11



## EXHIBIT A—continued.

SERIES OF 1886-87.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount.
1886.					
Oct. 13	281	Expense.....	Stationery .....	A. D. McConnico.....	\$2 50
... 13	282	Bookstore .....	Text-books .....	University Pub. Co.....	2 56
... 13	283	Advertising and printing	Report Books .....	M. Strickland & Co.....	10 50
... 13	284	Advertising and printing	Advertising .....	Brazos Pilot.....	6 00
... 13	285	Advertising and printing	Advertising .....	San Angelo Enterprise.	3 75
... 13	286	Expense.....	Telegrams .....	L. L. McInnis.....	1 65
... 13	287	Improvement of campus..	Labor .....	M. Bochmann.....	227 45
... 13	288	Hennery.....	Carpenter .....	B. Stisa.....	144 90
... 14	289	Educational exhibit.....	Traveling expenses .....	R. H. Whitlock.....	24 55
... 14	290	Mechanical department..	Lumber .....	Garth, Griffiths & Co...	13 63
... 14	291	Repairs.....	Painting .....	W. A. Dodson.....	27 87
... 16	292	Expense.....	Box rent .....	Bryan P. O.....	1 00
... 16	293	Bookstore .....	Express .....	S. Hoffman.....	1 45
... 16	294	Chemical department ..	Express .....	S. Hoffman .....	1 59
... 18	295	Farm .....	Labor .....	Joseph Booker.....	7 50
... 18	296	Educational exhibit.....	Express .....	Pacific Express Co.....	7 55
... 18	297	Mechanical department ..	Express .....	Pacific Express Co.....	1 20
... 19	298	A. D. Aguilar.....	Refunded .....	A. D. Aguilar.....	24 55
... 21	299	Salaries.....	Ass't Chem. and Physics..	W. Wipprecht .....	13 33
... 22	300	Maintenance .....	Wood .....	J. H. Suber.....	38 40
... 22	301	Expense.....	Nails .....	W. Koppe .....	17 38
... 22	302	Advertising and printing	Blank vouchers.....	J. W. Clark.....	7 00
... 22	303	Agricultural department.	Barn door hinges.....	J. S. Brown Hardw. Co..	4 35
... 22	304	Maintenance .....	Eupion oil.....	Waters Pierce Oil Co...	6 60
... 22	305	Mechanical department.	Oil cans.....	Simmons Hardw. Co...	2 80
... 22	306	Mechanical department.	Tools for hand lathes....	Pond Machine Tool Co	4 50
... 22	307	Agricultural department.	Tinner.....	W. Koppe .....	35
... 22	308	Mechanical department..	Brads and screws.....	W. Koppe .....	2 45
... 22	309	Expense.....	Crayons .....	Wilkins & McGuire....	10 20
... 22	310	Mechanical department.	Lumber .....	Garth, Griffiths & Co...	3 89
... 22	311	Bookstore .....	Text-books .....	B. K. Benson.....	9 00
... 22	312	Farm .....	Nails .....	Morse & Stevenson....	1 80
... 22	313	Bookstore .....	Text-books .....	O. Judd & Co.....	18 00
... 22	314	Salaries.....	Assistant agriculture ..	D. Adriance .....	55 00
... 22	315	R. Knittel.....	Refunded .....	R. Knittel.....	5 09
... 23	316	Repairs.....	Carpenter .....	D. Williams .....	22 50
... 23	317	Maintenance .....	Carpenter .....	D. Williams .....	11 25
... 29	318	Hennery.....	Carpenter .....	Braatz & Mitchell.....	25 00
... 29	319	Chemical department....	Carpenter.....	Braatz & Mitchell.....	35 00
... 29	320	Mechanical department..	Lumber .....	Garth, Griffiths & Co...	3 84
... 29	321	Chemical department.....	Slop jars .....	J. F. Dumble.....	5 50
... 29	322	Maintenance .....	Laundry .....	Houston Str'm Laundry.	107 40
... 29	323	Mechanical department..	Leather belting.....	J. R. Morris' Sons.....	11 34
... 29	324	Bookstore .....	Drawing material.....	Williams & Brown.....	2 40
... 29	325	Bookstore .....	Text-books .....	Eldridge & Bro.....	4 45
... 29	326	Hennery .....	Lumber .....	Garth, Griffiths & Co...	18 75
Nov. 1	327	Bookstore .....	Express .....	S. Hoffman .....	18 13
... 1	328	Expense.....	Postage.....	S. Hoffman.....	33 75
... 1	329	Agricultural department	Express .....	S. Hoffman.....	85
... 1	330	Chemical department.....	Express .....	S. Hoffman.....	3 62
... 1	331	Mechanical department..	Express .....	S. Hoffman.....	45
... 2	332	Salaries .....	Instructor .....	Guy Carleton.....	20 00
... 2	333	Salaries .....	Assistant mechanics ..	F. E. Giesecke.....	50 00
... 2	334	Salaries .....	Assistant English.....	W. B. Philpott.....	60 60
... 2	335	Salaries .....	Ass't Chem. and Physics..	W. Wipprecht .....	66 66
... 2	336	Salaries .....	Ass't Mathematics .....	R. F. Smith.....	75 00
... 2	337	Salaries .....	Foreman shops .....	A. Harbers.....	60 00
... 2	338	Medical attendance.....	Surgeon .....	J. D. Read.....	80 00
... 2	339	Agricultural department.	Labor .....	G. W. Curtis.....	63 00
... 3	340	Improvement of campus..	Labor .....	M. Bochmann.....	49 80
... 3	341	Agricultural conventions	Traveling expenses.....	G. W. Curtis.....	11 00
... 3	342	Agricultural department.	Carpenter .....	D. Williams .....	10 25
... 3	343	Repairs.....	Carpenter.....	D. Williams .....	6 25
... 3	344	Maintenance .....	Freight .....	S. Hoffman.....	102 53
... 3	345	Improvement of campus..	Freight .....	S. Hoffman.....	5 20
... 8	346	Maintenance .....	Beef .....	W. C. Boyett.....	253 75
... 8	347	Maintenance .....	Wood .....	J. H. Suber.....	52 80
... 8	348	C. Roos.....	Refunded .....	C. Roos.....	20 00
... 8	349	Maintenance .....	Drummer .....	J. R. Fisk .....	20 00
... 9	350	Maintenance .....	Groceries .....	J. W. English.....	422 16

## EXHIBIT A—continued.

SERIES OF 1886-87.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount.
1886.					
Nov'r 9	351	Agricultural department.	Medicines .....	G. W. Norrell.....	\$5 90
... 9	352	Maintenance .....	Gas chimney.....	Ripley & Kimball .....	4 80
... 9	353	Improvement of camps.	Lawn Mower .....	G. M. Ditley & Son .....	77 50
... 9	354	Agricultural department.	Advertising .....	G. M. McNaughton .....	19 50
... 9	355	Bookstore .....	Text-books .....	W. G. Scarff & Co.....	15 88
... 9	356	Mechanical department.	Leather .....	W. W. Hanway .....	2 45
... 9	357	Improvement of campus.	Harness .....	W. W. Hanway .....	50
... 9	358	Advertising and printing	Blanks .....	J. J. Pastoriza .....	33 45
... 9	359	Agricultural department	Lumber .....	Garth, Griffiths & Co....	1 15
... 9	360	Educational exhibit.....	Traveling expenses.....	W. Wiprecht .....	39 15
... 9	361	S. Hellman .....	Refunded .....	S. Hellman .....	5 00
... 9	362	T. A. French .....	Refunded .....	T. A. French .....	5 00
... 9	363	Printing and advertising.	Circulars .....	Dallas Printing Co.....	15 00
... 9	364	Maintenance .....	Salary, steward .....	B. Shisa .....	166 66
... 9	365	Expense .....	Traveling expenses.....	L. L. McInnis, Sec. B'd..	9 35
... 9	366	Maintenance .....	Supplies .....	B. Shisa .....	544 94
... 9	367	Maintenance .....	Groceries .....	Thurber, Whyland & Co	1028 45
... 9	368	Maintenance .....	Laundry .....	Houston Steam Laun'y	102 83
... 9	369	Bookstore .....	Text-books .....	D. Appleton & Co .....	13 13
... 9	370	Educational exhibit.....	Traveling expenses.....	F. E. Giesecke .....	29 95
... 9	371	Agricultural department	T. P. Wooten .....	T. P. Wooten .....	2 00
... 9	372	Chemical department .....	Fittings .....	W. Koppe .....	75
... 9	373	Educational exhibit .....	Picture Mouldings .....	L. White .....	2 17
... 9	374	Maintenance .....	Eupion oil .....	Waters Pierce Oil Co...	6 60
... 9	375	Agricultural department.	Nails .....	W. Koppe .....	6 40
... 10	376	Maintenance .....	Stove pipe .....	W. Koppe .....	7 70
... 10	377	Repairs .....	Iron flue .....	W. Koppe .....	7 00
... 10	378	Farm .....	Labor .....	B. Shisa .....	10 00
... 10	379	Educational exhibit.....	Expenses .....	W. L. Bringhurst .....	1 60
... 10	380	Maintenance .....	Groceries .....	J. Locke .....	84 73
... 10	381	Repairs .....	Carpenter .....	D. Williams .....	2 50
... 10	382	Agricultural department.	Lumber .....	Garth, Griffiths & Co...	1 80
... 10	383	Mechanical department.	Lumber .....	Garth, Griffiths & Co...	6 08
... 10	384	B. J. Smyth .....	Refunded .....	J. B. Smyth .....	27 00
... 10	385	Agricultural department.	Express .....	Pacific Express Co .....	25
... 10	386	Chemical department .....	Express .....	Pacific Express Co .....	1 20
... 10	387	Maintenance .....	Express .....	S. Hoffman .....	1 11
... 10	388	D. Adriance .....	Refunded .....	D. Adriance .....	30 00
... 10	389	C. L. Vinson .....	Refunded .....	C. L. Vinson .....	8 05
... 10	390	H. Mosely .....	Refunded .....	H. Mosely .....	1 40
... 10	391	W. B. Depuse .....	Refunded .....	W. B. Depuse .....	12 90
... 10	392	Chemical department .....	Apparatus .....	Elmer & Amend .....	59 20
... 10	393	Mechanical department...	Packing and solder .....	W. Koppe .....	2 70
... 10	394	Repairs .....	Paint .....	W. H. Webb .....	1 00
... 10	395	Expense .....	Stationery .....	G. W. Norrell .....	6 42
... 10	396	Mechanical department ..	Oils .....	G. W. Norrell .....	4 75
... 10	397	Repairs .....	Paints .....	G. W. Norrell .....	5 40
... 15	398	Maintenance .....	Janitor .....	C. Siebert .....	60 00
... 15	399	Maintenance .....	Janitor .....	C. Siebert .....	40 00
... 15	400	Maintenance .....	Janitor .....	O. Boehme .....	40 00
... 15	401	Agricultural department	Stationery .....	G. W. Curtis .....	4 25
... 17	402	J. W. Baker .....	Rebunded .....	J. W. Baker .....	5 00
... 17	403	Maintenance .....	Eupion oil .....	Waters Pierce Oil Co...	6 60
... 17	404	Farm .....	Lumber .....	Fulkerson & Lawrence	7 20
... 17	405	Printing and advertising.	Advertising .....	Wichita Herald .....	1 50
... 17	406	Chemical department .....	Pipe fittings .....	W. W. Otter .....	19 53
... 18	407	W. I. Hill .....	Refunded .....	W. I. Hill .....	5 00
... 18	408	Agricultural department.	Cotton seed .....	H. K. White .....	114 38
... 18	409	Agricultural department.	Files and chisels .....	W. Koppe .....	2 50
... 18	410	Agricultural department.	Blank books .....	G. W. Norrell .....	75
... 20	411	Maintenance .....	Stove .....	W. Koppe .....	5 55
... 20	412	Mechanical department...	Machine oil .....	G. W. Norrell .....	2 00
... 20	413	W. M. Tatrum .....	Refunded .....	W. M. Tatrum .....	13 00
... 22	414	Agricultural department.	Forage .....	Harrison & Co .....	354 19
... 23	415	E. B. Lowry .....	Refunded .....	E. B. Lowry .....	5 00
... 23	416	Agricultural department.	Plow .....	L. T. Fuller .....	2 50
... 23	417	Mechanical department...	Beltting .....	Simmons Hardware Co.	36 69
... 24	418	Maintenance .....	Laundry .....	Houston Steam Laun'y	103 00
... 24	419	Mechanical department.	Tallow .....	Foreman .....	2 25
... 24	420	Maintenance .....	Beef .....	Foreman .....	4 80

## EXHIBIT A—continued.

SERIES OF 1886-87.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount.
1886.					
Nov'r 26	421	B. M. Rich.....	Refunded.....	B. M. Rich.....	\$5 00
... 26	422	P. H. Weiss.....	Refunded.....	P. H. Weiss.....	5 00
... 26	423	Expense.....	Stationery .....	G. W. Norrell.....	3 50
... 26	424	Maintenance .....	Groceries .....	Thumber, Whyland & Co	15 25
... 26	425	Geo. B. Hill.....	Refunded.....	Geo. B. Hill.....	20 00
... 26	426	Hennery.....	Digging well.....	Wm. Smith.....	41 63
... 26	427	Mechanical department..	Wood lathes.....	Pond Machine Tool Co	289 26
... 26	428	Mechanical department..	Pipe and fittings.....	Wm. Koppe.....	4 38
... 26	429	Mechanical department..	Lumber .....	Garth, Griffiths & Co..	6 68
... 26	430	Mechanical department..	Lard oil.....	G. W. Norrell.....	3 60
... 27	431	Maintenance .....	Freight .....	S. Hoffman.....	3 60
... 27	432	Mechanical department..	Wood.....	J. H. Suber.....	25 60
... 29	433	Maintenance .....	Groceries .....	J. W. English .....	105 81
... 29	434	Maintenance .....	Wood.....	J. H. Suber.....	10 20
... 29	435	R. S. DeLoach.....	Refunded.....	R. S. DeLoach.....	5 00
... 30	436	Agricultural department.	Harness .....	Hanway & Son .....	9 20
... 30	437	Agricultural department.	Paint .....	G. W. Norrell.....	11 50
... 30	438	Agricultural department.	Lock and tools.....	Wm. Koppe.....	24 40
... 30	439	Agricultural department	Freight.....	S. Hoffman.....	4 88
... 30	440	Maintenance .....	Groceries .....	Wm. Koppe.....	6 80
... 30	441	Chemical department .....	Zinc trough .....	Wm. Koppe.....	13 25
Dec'r 2	442	Salaries .....	Assistant mathematics....	R. F. Smith .....	75 00
... 2	443	Salaries .....	Assistant English.....	W. B. Philipott.....	60 00
... 2	444	Salaries .....	Assistant mechanics.....	F. B. Giesecke.....	50 00
... 2	445	Salaries .....	Assistant agriculture.....	D. Adriance.....	83 33
... 2	446	Salaries .....	Foreman shop .....	A. Harbers.....	60 00
... 2	447	Salaries .....	Instructor .....	Guy Carleton.....	30 00
... 2	448	Maintenance .....	Emflon oil.....	Waters Pierce Oil Co..	6 60
... 3	449	Hennery.....	Labor and stock .....	B. Sbisa.....	184 11
... 3	450	H. F. Fischer.....	Refunded .....	H. F. Fischer.....	4 90
... 3	451	M. Becker.....	Refunded .....	M. Becker.....	5 00
... 3	452	Improvement of campus.	Labor .....	M. Bochmann .....	28 20
... 3	453	Bookstore .....	Express .....	Pacific Express Co.....	65
... 4	454	Library .....	Books .....	N. D. McDonald & Co.	6 00
... 4	455	Salaries .....	Ass't Chemistry and Phy.	W. Wipprecht.....	66 66
... 4	456	Medical attendance .....	Surgeon .....	J. D. Read.....	80 00
... 6	457	R. Burns.....	Refunded .....	R. Burns.....	5 00
... 6	458	J. L. Stuart.....	Refunded.....	J. L. Stuart.....	5 00
... 6	459	Agricultural department.	Labor .....	G. W. Curtis.....	34 25
... 6	460	Agricultural department.	Hog.....	J. H. Suber.....	4 00
... 7	461	J. L. Yarbrough.....	Refunded.....	J. L. Yarbrough .....	5 00
... 7	462	Maintenance .....	Drummer .....	J. R. Fisk .....	20 00
... 7	463	Maintenance .....	Supplies.....	B. Sbisa.....	440 95
... 7	464	Maintenance .....	Salary, steward.....	B. Sbisa.....	166 66
... 7	465	Maintenance .....	Janitor .....	O. Boehme.....	20 00
... 7	466	Maintenance .....	Janitor .....	C. Siebert.....	20 00
... 7	467	Mechanical department..	Hardware .....	Simmons Hardware Co.	7 80
... 7	468	W. F. Jackson.....	Refunded.....	W. F. Jackson.....	4 75
... 7	469	Maintenance .....	.....	W. Koppe.....	10 70
... 7	470	Maintenance .....	Laundry .....	Houston St'm Laundry.	99 48
... 7	471	Maintenance .....	Flour .....	Empire Mills Co.....	54 50
... 7	472	Mechanical department..	Patterns.....	C. B. Lee & Co.....	9 80
... 7	473	Library .....	Seal .....	J. J. Kauffman.....	7 00
... 7	474	W. P. Fisher.....	Refunded.....	W. P. Fischer.....	2 75
... 7	475	H. Hellman.....	Refunded.....	H. Hellman.....	4 90
... 7	476	Library .....	Books .....	N. D. McDonald & Co.	6 00
... 7	477	Repairs .....	Brick mason.....	Peter Winter .....	21 13
... 7	478	Repairs .....	Brick mason.....	Peter Winter .....	5 42
... 7	479	Maintenance .....	Groceries .....	J. W. English .....	32 95
... 7	480	Hennery.....	Castings.....	Ripley & Kimball .....	81
... 7	481	Expense.....	Postage.....	S. Hoffman.....	3 00
... 7	482	Mechanical department..	Pipes.....	W. Koppe.....	5 85
... 7	483	Mechanical department..	Pulleys.....	Pond Machine Tool Co.	7 70
... 7	484	Mechanical department..	Scroll saw.....	Frank & Co.....	11 37
... 13	485	Expense.....	Express .....	Pacific Express Co .....	25
... 13	486	Mechanical department..	Express.....	Pacific Express Co.....	1 25
... 13	487	Maintenance .....	Beef.....	H. B. Stoddard.....	145 55
... 15	488	Agricultural department.	Harness .....	Hanway & Son .....	4 30
... 15	489	Expense.....	Blankets .....	Cole Bros.....	1 75
... 15	490	Maintenance .....	Gasoline .....	Waters Pierce Oil Co..	57 40



## EXHIBIT A—continued.

SERIES OF 1886-87.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount.
1886.					
Dec'r 15	491	Agricultural department	Medicine .....	W. H. Webb.....	\$7 80
... 15	492	Educational exhibit.....	Glass.....	W. H. Webb.....	4 90
... 15	493	Maintenance .....	Tea, etc .....	W. H. Webb.....	5 55
... 15	494	Mechanical department..	Oils .....	W. H. Webb.....	2 55
... 15	495	R. Knittle.....	Refunded.....	R. Knittle.....	21 00
... 15	496	Maintenance .....	Groceries .....	J. W. English .....	62 96
... 16	497	Hennerly .....	Sulphur .....	Thurber, Whyland & Co	5 95
... 16	498	Library .....	Books .....	Forum Publishing Co..	6 00
... 16	499	Expense.....	Stationery .....	G. W. Norrell.....	1 20
... 16	500	Gas machine.....	Burners, etc .....	G. W. Norrell.....	4 90
... 16	501	Bookstore.....	Text-books .....	John Wiley & Sons .....	14 95
... 16	502	Bookstore .....	Text-books .....	Iverson, Blake & T. & Co	18 00
... 16	503	Mechanical department..	Indicator Reg .....	Straight Line Eng. Co.	2 00
... 16	504	Repairs.....	Latches, etc .....	W. Koppe .....	1 85
... 16	505	Maintenance .....	Groceries .....	W. Koppe .....	11 50
... 16	506	Mechanical department..	Freight .....	S. Hoffman.....	4 15
... 17	507	Maintenance .....	Wood cutting.....	Jack Bagby .....	8 00
... 20	508	Agricultural department	Fanning mill.....	L. T. Fuller .....	42 00
... 20	509	Bookstore .....	Express.....	Pacific Express Co .....	2 55
... 21	510	Maintenance .....	Eupion Oil .....	Waters Pierce Oil Co..	9 40
... 21	511	Bookstore .....	Blank books.....	J. J. Pastoriza .....	17 50
... 21	512	Bookstore .....	Text-books .....	John Wiley & Sons.....	25 26
... 21	513	Bookstore .....	Text-books .....	G. W. Scarff & Co.....	5 15
... 21	514	Printing and advertising.	Advertising .....	Collin Co. Mercury .....	5 00
... 21	515	Maintenance .....	Laundry .....	Houston Steam Lndry ..	89 72
... 21	516	Expense.....	Blankets .....	J. T. Wyse.....	6 25
... 21	517	Maintenance .....	Groceries .....	J. W. English.....	92 46
... 21	518	Agricultural department	Crushing mill .....	J. A. Field & Co.....	33 00
... 22	519	Expense.....	Labor .....	Jesse Parks.....	20 00
... 23	520	Maintenance .....	Beef .....	W. C. Boyett.....	9 30
... 23	521	Mathematical departm't..	Transit.....	T. F. Randolph.....	100 00
... 23	522	Agricultural department.	Feed boiler.....	D. R. Spring & Co.....	28 10
... 23	523	Agricultural department.	Barn door hinges .....	J. S. Brown Hardw. Co.	15 85
... 31	524	Agricultural department.	Freight .....	S. Hoffman.....	52
... 31	525	Gas machine.....	Burners, etc .....	S. Hoffman.....	80
... 31	526	Expense.....	Traveling expenses.....	L. L. McInnis, Sec. Bd	9 92
... 31	527	Salaries .....	Foreman of shops.....	A. Harbers.....	60 00
1887. 21	528	Improvement of campus	Labor .....	M. Bochmann.....	47 50
Jan'y 1	529	Library .....	Freight .....	S. Hoffman.....	3 89
... 1	530	Agricultural department.	Labor .....	G. W. Curtis.....	77 00
... 4	531	Salaries .....	Assistant agriculture.....	D. Adriance .....	50 00
... 4	532	Medical attendance .....	Surgeon .....	J. D. Read.....	85 00
... 5	533	Salaries.....	Instructor.....	Guy Carleton .....	30 00
... 5	534	Salaries.....	Assistant Math .....	F. E. Gieseke .....	50 00
... 5	535	Salaries .....	Assistant English.....	W. B. Philpott .....	60 00
... 5	536	Salaries .....	Ass't chemistry and Phys	W. Wipprecht .....	66 66
... 5	537	Salaries.....	Assistant mathematician.	R. F. Smith .....	75 00
... 5	538	R. H. Schumacher.....	Refunded.....	R. H. Schumacher .....	5 00
... 5	539	Hennerly .....	Shovels .....	W. Koppe .....	1 80
... 5	540	Maintenance.....	Lamps and burners .....	G. W. Norrell.....	1 60
... 5	541	Agricultural department	Hatchets .....	W. Koppe .....	1 00
... 5	542	Library .....	Books .....	B. Westerman & Co.....	207 26
... 5	543	H. G. Carter .....	Refunded.....	H. G. Carter .....	5 00
... 5	544	Bookstore .....	Text books.....	S. C. Griggs & Co.....	24 00
... 5	545	Maintenance .....	Drum cord .....	Witter, Shamer & Co .....	1 50
... 5	546	Agricultural department	Buckeye drill .....	P. P. Mast & Co .....	54 10
... 5	547	Agricultural department	Blacksmith.....	T. P. Wooten .....	23 35
... 6	548	Salaries .....	Agent of Board .....	T. M. Scott.....	187 50
... 6	549	Maintenance .....	Flour .....	Empire Mills Co.....	107 50
... 6	550	Bookstore .....	Text books.....	Clark & Maynard.....	19 01
... 6	551	Library .....	Books .....	Jansen, McClurg & Co..	2 78
... 6	552	Agricultural department.	Bois d'arc posts .....	L. A. Scott.....	125 00
... 6	553	Agricultural department	Seed .....	J. W. English .....	4 25
... 6	554	Agricultural department.	Freight .....	S. Hoffman.....	29 00
... 6	555	Maintenance.....	Groceries .....	J. W. English.....	52 89
... 6	556	Maintenance.....	Lamp chimneys .....	W. Koppe .....	80
... 6	557	Bookstore .....	Herbannius .....	A. L. Shipman.....	10 40
... 6	558	Maintenance.....	Drummer.....	J. R. Fisk .....	20 00
... 6	559	Expense.....	Express .....	Pacific Express Co .....	2 50
... 6	560	Maintenance .....	Salary, steward .....	B. Sbrsa .....	166 66



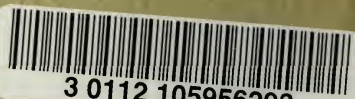
## EXHIBIT A—continued.

SERIES OF 1886-87.

Date.	Warrant No.	To what account charged.	For what expended.	To whom paid.	Amount.
1887.					
Jan'y 6	561	Maintenance .....	Beef.....	H. B. Stoddard.....	\$122 95
... 6	562	Maintenance .....	Groceries .....	W. Koppe.....	3 65
... 6	563	Maintenance .....	Supplies.....	B. Sbisa .....	386 37
... 6	564	Maintenance .....	Janitor.....	O. Boehme .....	20 00
... 6	565	Maintenance.....	Janitor.....	C. Siebert.....	20 00
... 6	566	Hennery.....	Labor and stock.....	B. Sbisa .....	52 00
... 6	567	Chemical department.....	Pipe fittings.....	H. H. Dinwiddie.....	5 96
... 6	568	A. E. Williams.....	Refunded.....	A. E. Williams.....	39 80
... 6	569	C. F. Trausdale.....	Refunded.....	C. F. Trausdale.....	1 40
... 6	570	J. W. Cooper.....	Refunded.....	J. W. Cooper.....	5 00
... 6	571	Agricultural department.	Glass.....	Jas. Bute .....	3 60
... 6	572	Library.....	Subscription.....	Galveston News.....	9 00
... 6	573	Agricultural department.	Forage .....	J. F. Parks .....	245 85
... 6	574	Agricultural department.	Fencing lumber .....	Garib, Griffiths & Co..	145 84
... 6	575	Maintenance .....	Groceries .....	J. W. English.....	6 40
... 6	576	Maintenance .....	Freight .....	S. Hoffman.....	1 20
... 6	577	Agricultural department	Grain thresher and power	A. B. Farquhar.....	330 00
... 6	578	Agricultural department	Freight .....	S. Hoffman.....	67 41







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